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SKILLS

 Python 95%

 Django/Flask/FastApi 95%

 Javascript 75%

 React JS 75%

 SQL/Postgres/MySQL 90%

 CI-CD/Jenkins/Ansible/Jira 80%

 AWS Ec2/RDS/S3/Lambda 75%

STATUS

GC Ead Holder
No sponsorship required

CEYLAN

BAGCI (He/Him)

SOFTWARE ENGINEER

PROFILE

I am full-stack software engineer with a strong background in designing, developing, deploying, and maintaining software applications. I have demonstrated proficiency in object-oriented programming and the software development life cycle, which specialize in architecting scalable platforms, database design, and implementing agile methodologies.

EXPERIENCE

- Application Developer

Bank of America

Global Risk Analytics Tech

2022 July - Present

Location: 101 Hudson St Jersey City, NJ 07302

I developed features to the GRA Core Platform (GCP) that provides end-to-end model development, implementation, and execution capabilities on which users can automate their business activities and processes in a fully controlled and governed manner.

- Software Engineer

Vodanet Systems

2021 August - 2022 July

Location: 220 West Pkwy, Pompton Plains, NJ 07444

Supplying software and systems engineering services for a tier one network device (cisco, ubiquity) reseller. I was in charge of developing warehouse management system that monitoring sales, spent, discrepancy of physical and digital quantities of products and report instant results to the managers.

- Software Engineer

Petek Soft LLC

2017 May - 2021 August

I embarked on my journey into programming and web application development at this esteemed company, which boasted a team of five dedicated employees engaged in real-world industry projects. With a diverse client base and a track record of successful projects, I assumed a pivotal role as the overall overseer for six distinct projects spanning a two-year timeframe.

EDUCATION

2020-2021

TED University

Master Program in Interactive Computing and Information Systems (On freeze)

2005-2009

Turkish Military Academy

Bachelors Degree of System Engineer

EXPERIENCE DETAILED

2022 JULY - PRESENT

Bank of America

Computing Grids: Apache Spark, PySpark, Pandas, Python
Data Storage: Oracle, Exadata, Hive, Redis, HDFS, Trino, Presto
CI-CD: Jenkins, Ansible, Splunk, Spectrum
Reports And Visualizing: Matplotlib
Data Management: Flask, Hadoop, Alteryx
Monitoring: Oracle, AMPS, Splunk, AutoSys, Psutil, Pmon
Agile: Jira, Bitbucket, Horizon

I was involved in the development of features for the GRA Core Platform (GCP), which offered end-to-end capabilities for model development, implementation, and execution. These capabilities allowed users to automate their business activities and processes in a controlled and governed manner. My responsibilities included designing and developing complex requirements to achieve our business objectives, ensuring that the software adhered to functional, non-functional, and compliance requirements. I prioritized well-designed solutions that incorporated maintainability, ease of integration, and thorough testing right from the initial stages. I had a strong proficiency in development and testing practices common to the industry, and I had extensive experience in utilizing design and architectural patterns.

Furthermore, I was in the process of specializing in either Architecture, Test Engineering, or DevOps. I actively contributed to story refinement and the definition of requirements. I participated in guiding the team to estimate the necessary work required to bring a story or requirement to fruition throughout the delivery lifecycle. Additionally, I conducted spike/proof of concept exercises as needed to mitigate risk or implement innovative ideas. I wrote code to create solutions and performed unit tests to ensure they met the defined acceptance criteria and compliance requirements. I made use of various architectural components spanning data, application, and business domains in the design and development of client requirements, and I provided valuable assistance to the team in resolving technical complexities.

2021 AUGUST - 2022 JULY

Vodanet Systems

Web development, Django, Python, TDD /test-driven development, AJAX, HTML, CSS, React, JavaScript, JSON, PostgreSQL, databases, Selenium, GNU/Linux, Celery, AWS, Ec2, RDS, systems administration, S3, Elastic Bean Stalk, PowerBI, business intelligence (BI)

I provided software and systems engineering services for a prominent network device reseller dealing with tier one brands like Cisco and Ubiquity. My role involved spearheading the development of a warehouse management system that monitored sales, expenditures, and discrepancies between physical and digital product quantities. This system also generated immediate reports for the CTO, CFO, and CEO using PowerBI. Our approach encompassed the utilization of Travis CI for continuous integration testing, PostgreSQL for database management, Celery for managing asynchronous tasks, and AWS services such as EC2, S3, and RDS for deployment. This system was accessible to a team of 40 employees.

I took charge of designing, implementing, successfully deploying, and maintaining an architecture consisting of approximately 60 classes. This architecture served as the foundation for a straightforward distributed system, comprising various components that automated numerous tasks, including the generation of daily sales reports, tracking of weekly return rates, real-time quantity depreciation analysis, and monitoring of the Sell-through rate, among others.

2017 MAY - 2021 AUGUST

Peteksoft LLC

Python, Django, React, jQuery, HTML, CSS, test driven development, Ajax, JavaScript, PostgreSQL, mySql, databases, GNU/Linux, backend developer, frontend developer, full stack developer, CMS, CI/CLI, AWS, Ec2, S3, RDS, Ubuntu, BI, Business Intelligence, software engineering, UML, object-oriented

I commenced my journey in programming and web application development at the aforementioned company. This company, which was comprised of five employees, was engaged in the execution of real-world industry projects. Notably, we successfully catered to a diverse clientele and delivered numerous prosperous projects.

In my capacity, I assumed overall responsibility for the operation and maintenance of six projects, spanning a duration of two years. My role encompassed offering comprehensive support from the back end to the front end, which was instrumental in achieving optimal outcomes. Our esteemed clients included private school owners, a gas distribution company, a steel producer, an auto-parts reseller, law offices, the Bar Association of Lawyers, and Havelsan (the Turkish Armed Forces Foundation), among others.

EXPERIENCE DETAILED

Peteksoft LLC

I initially joined the company as a junior developer, primarily focusing on the front-end aspects of projects. However, over time, I progressed to the role of a senior developer and expanded my involvement in the back-end and DevOps domains.

Projects in Peteksoft LLC

Stock Management System for Continental LLC, addressing budget deficits by accurately tracking stock quantities and optimizing production processes, emphasizing the vital importance of digital transformation for businesses.

Client Management System, developed by Peteksoft LLC for a lawyer, streamlined record-keeping, case management, and financial tracking, providing an integrated solution to enhance office efficiency.

Online Course Application I played a key role in developing an online course application for a private preparatory institute, enabling high school students in Turkey to access online lessons, messaging, exams, private calendars, file sharing, and teacher dashboards via a Django-based web application with advanced features and performance optimizations.

Autohalle24 by Peteksoft LLC from March to July 2020, a Django-based eCommerce application was developed for an auto parts reseller company, offering customers the ability to purchase car parts with detailed technical instructions and providing a task management system for employees, while integrating auto parts data from <https://laximo.ru/api> and connecting with the eBay API to display available options on eBay, with deployment on a Digital Ocean Ubuntu Droplet.

2009 AUGUST - 2017 MAY

Military Officer/Department of Defense

As a proactive team member and leader, I efficiently managed numerous tasks and responsibilities, both within group settings and independently. I conducted data analysis, gained valuable insights, and developed Decision Support Models aimed at enhancing decision-makers' comprehension of operational issues and facilitating analytical decision-making.

I spearheaded various projects focused on Data Analysis, Optimization, and Simulation & Modeling in collaboration with cross-functional teams at the Department of Defense. This entailed the formulation of SQL queries to extract data and the subsequent creation of recommended solutions based on an in-depth analysis of the query results.

Additionally, I was responsible for the preparation and delivery of routine and on-demand data-driven reports, providing crucial insights and information for informed decision-making.