AKSHAY PIRANAV BEEMARAJ

Software Development Engineer Intern

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Summary

With 9 months of experience as a Software Development Engineer intern, strong knowledge in Python full-stack development was gained. This period involved working on enterprise-level IT projects, building scalable and efficient solutions for large-scale applications. Additionally, several college projects were successfully completed, further strengthening skills in software development and problem-solving.

Skills

Python · Django Rest Framework · FastAPI · Flask · Celery · Redis · Selenium · Pytest · ORM · Web Sockets · MySQL · PostgreSQL · MongoDB · JavaScript · ReactJS · ExpressJS · Bootstrap · NextJS · Prisma · Docker · Git · Github · Postman · Scrum & Agile Methodologies

Experience

Quarksek Technologies

Eijipura, Bengaluru, India

Software Development Engineer Intern

2024 - Present

Developed enterprise-level software using Python, including a command-line interface and backend for a web application.

- · Contributed to an automation and testing project, automating backend processes using Python.
- Collaborated closely with senior professionals, including the co-founder (Senior QA Engineer), founder (Security Lead), and Automation Lead.
- Enhanced project outcomes by integrating automation tools, streamlining processes in collaboration with the leadership team.

Quantantics Tech Serv

Madurai, Tamilnadu, India

Python Developer Intern

2014 - 2018

Developed an energy consumption monitoring system using Raspberry Pi, storing data in MySQL and visualizing it in Grafana.

- Applied machine learning to predict future energy usage trends for industrial environments, achieving 25% more accurate forecasts.
- Collaborated with senior developers, including a Senior Python Developer and IoT Developer, to deliver a comprehensive monitoring solution.
- · Enhanced system efficiency through predictive analytics and real-time data visualization for effective decision-making.

Projects

Automated Pen Testing

Madurai, India

2024

Created a security web app for automated penetration testing and user authentication, winning a hackathon award and securing an internship.

• Enhanced web security by 30%, improving vulnerability detection and building user trust.

Spotify Music Downloader

Madurai, India

2024

A web application that enhances music experience by allowing users to manage, search, and download their playlists seamlessly.

• Integrated Spotify and YouTube functionalities, enabling users to fetch and download playlist songs, increasing user satisfaction by 40%

Education

Kamaraj College of Engineering and Technology Bachelor's Degree in Artificial Intelligence and Data Science Virudhunagar, Tamilnadu, India

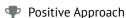
2021 - Present

Strengths



Time Management

Ensuring tasks are prioritized to meet deadlines and achieve project goals.



I approach challenges with a positive mindset, fostering collaboration and innovation in every project.

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The Efficient Resource Allocation

I prioritize efficient resource allocation, maximizing project outcomes while minimizing costs.

Languages

Tamil Native ••••

English Advanced ••••

Telugu Proficient ●●●



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