

Abhinand KP

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SUMMARY

Results-driven Backend Developer specialising in Python and Django, with proven experience in designing and implementing scalable, secure web applications. Proficient in Django REST Framework, MySQL, and API design/integration, with hands-on capabilities in Bootstrap, Tailwind CSS, and foundational knowledge of React. Committed to delivering efficient server-side solutions and optimising application performance.

SKILLS

- Front End: HTML, CSS, JavaScript, Bootstrap, TailwindCSS, React
- Backend: Python, Django, Flask, Django REST API Development, FastAPI
- Database Management: MySQL, PostgreSQL
- Version Control & Tools: Git, GitHub, Postman
- Other: Authentication, JWT, Authorisation, Deployment(Render, Heroku, AWS)

EXPERIENCE

Riss Technologies, Kannur (June 2023 – May 2024)

Software Associate

- Developed and maintained web applications using Django and MySQL, implementing optimisations that reduced server response times by 20%.
- Enhanced user authentication and CRUD operations, resulting in a 10% overall increase in platform reliability and security.
- Collaborated with a team to optimise performance and security.
- Gained expertise in **function-based views** and **API integration**.

Projects

➤ FermierApp (Agricultural Products Delivery)

Tech Stack: HTML, CSS, JavaScript, Bootstrap, Django, MySQL

- Developed a scalable web and Android application for agricultural product delivery, reducing order processing time by 20% through optimised database queries and efficient workflows.
- Implemented advanced order tracking and dynamic delivery address customisation, leading to a 15% improvement in user satisfaction, as measured by feedback.

➤ MedApp (Online Medicine Store)

Tech Stack: HTML, CSS, JavaScript, Bootstrap, Django, MySQL.

- Enhanced user experience in the Android module for address management and order tracking, leading to a 10% increase in repeat orders.

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INDIVIDUAL PROJECT

- Innovate. (Service based Website)

Tech Stack: Django REST, PostgreSQL, React, Tailwind

- Engineered a secure backend with JWT Authentication, reducing unauthorized access incidents by 30%.
- Deployed a custom user model and set up password-less login, increasing registration efficiency by 25% compared to previous implementations.
- Built an initial React prototype for frontend validation.
- Axios is used for a promise-based HTTP client for data fetching.

- TweetApp (Clone of Twitter Functionalities)

- Implemented class-based views with User Authentication.
- Implemented **Class-Based Views (CBVs) with User Authentication**.
- Developed features like **tweet posting, viewing, liking, following, blocking, and unblocking**.
- Gained hands-on experience in **Django CBVs** and **user interaction functionalities**.
- **Tech Stack:** HTML, CSS, JavaScript, Bootstrap, Django, PostgreSQL

- Matri (a Matrimony Website)

Tech Stack: Django, PostgreSQL, HTML, CSS, JavaScript, Bootstrap

- Built a matchmaking platform with optimized partner search, reducing query time by 22%, enabling faster profile discovery.
- Integrated secure communication features and responsive UI, contributing to an 11% increase in user engagement.

INTERNSHIP

Take it Smart, Bengaluru (August 2021 – September 2021)

Python Trainee [Internship]

- Utilised Python, SQL, HTML and CSS in my role, demonstrating proficiency in these technologies for Python Web Development.
- Designed and developed innovative features for an existing application, contributing to a 30% increase in user engagement.

EDUCATION

- BE in Computer Science and Engineering
Rajiv Gandhi Institute of Technology – Bengaluru
graduated with 7.61 CGPA
- Higher Secondary Education (Computer Science)
G H S S - Kuthuparamba, Kannur, Kerala
passed with 8.53 CGPA