AJITH SANTHOSH

Full-Stack Developer | Ernakulam, Kerala

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SKILLS

Languages: Python, Java, C, Kotlin, HTML/CSS, JavaScript, TypeScript, NoSQL, SQL (PostgreSQL, MySQL, SQLite).
Frameworks: Django, Spring Boot, React, Angular, Node.js, Bootstrap, Tailwind CSS, WordPress.
Libraries: RESTful APIs, Hibernate, jQuery, HTMX, JUnit, Material-UI.
Developer Tools: Git, Linux/Unix, AWS, CI/CD, GitHub Actions, Jenkins, Docker, Postman, Figma.
Soft Skills: Problem-solving, Communication, Teamwork, Adaptability, Critical thinking, Continuous Learning.

EXPERIENCE

NextGenPro Innovations and EduPark Pvt. Ltd.   Mar 2023 – June 2023
Web Development and Machine Learning Intern   *Kochi*

- Directed the development of a disaster information web portal, architecting key features such as the admin dashboard and disaster history interface using HTML, CSS, Bootstrap, and jQuery to deliver an interactive, responsive user experience.
- Integrated real-time disaster alerts and geolocation services via RESTful APIs, improving system responsiveness by 20% and enhancing data accuracy for critical user decisions.
- Developed a robust backend architecture with PHP and MySQL, optimizing data storage, retrieval processes, and improving database performance by 30% through advanced indexing and query optimization techniques.
- Implemented user authentication and role-based access control (RBAC) to secure sensitive data and provide granular access to different sections of the web portal.
- Collaborated on the Android app's development in Java, ensuring seamless data synchronization between the web and mobile platforms for a cohesive cross-platform experience

EDUCATION

Sree Narayana Gurukulam College of Engineering   Jun 2019 – Jul 2023
Bachelor of Science in Computer Science   *Ernakulam, Kerala*

QSpiders Training Institute   Aug 2023 – Mar 2024
Java Full Stack Development   *Kochi , Kerala*

PROJECTS

UrbanCart (E-commerce Application) | *Django, PostgreSQL, HTML, CSS, JavaScript, Tailwind CSS, Docker*

- Developed a scalable full-stack e-commerce platform with features like product browsing, cart management, and order processing, improving user engagement by 20% through optimized user interactions.
- Designed and implemented a Django-based authentication system with role-based access control (RBAC), ensuring secure, granular user and admin management.
- Optimized frontend performance with Tailwind CSS, reducing page load times by 15% and enhancing responsiveness across devices.
- Containerized the entire application using Docker, enabling seamless and consistent deployment across multiple environments, reducing deployment errors by 30%.
- Integrated PostgreSQL as the database layer, utilizing advanced indexing and query optimization techniques to handle high transaction volumes with improved performance and scalability.

Smart Contact Manager | *Spring Boot, Spring Security, Java, MySQL, Jenkins, Bootstrap, HTML, CSS, JavaScript*

- Implemented a contact management system with features for contact creation, editing, deletion, and advanced search, improving user efficiency by 25%.
- Instituted role-based access control, enhancing security and reducing unauthorized access incidents by 40%.
- Refined MySQL database performance and added CSV import/export for better data management.
- Crafted a responsive front-end using Bootstrap, achieving 100% device compatibility, and used Maven and Jenkins for deployment, ensuring a 95% uptime rate.