Aanish Rizmy

Associate Software Developer

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SUMMARY

Enthusiastic and detail-oriented Software Engineer with 1.6 years of experience in full-stack development and hands-on involvement in building personal AI projects. Proficient in Python, Django, FastAPI, React.js, React Native, and AngularJS, with a strong foundation in developing scalable web and mobile applications. Actively exploring machine learning through self-driven projects such as image classification, natural language processing, and AI-based automation tools. I bring a fast-learning mindset, strong problem-solving skills, and a passion for building innovative solutions that combine software engineering with emerging technologies.

EXPERIENCE

- **Full Stack Software Developer**   **Jan 2025 – Present**
  R-Tech Solutions
    – Contributing to the design and development of a cloud-based POS system using **React.js** and **Django**, including user onboarding, business settings, and transaction modules.
    – Designing and building RESTful APIs for the POS system with Django, ensuring efficient communication and modular backend logic.
    – Developing responsive, component-based user interfaces for the POS system with **React.js**, focusing on performance and user experience.
    – Leading the development of an **AI-based Job Search App** frontend using **React Native**, implementing intuitive screens for user onboarding, job recommendations, and filtering.
    – Building and integrating backend services with **FastAPI**, including AI model endpoints for job matching, resume parsing, and personalized recommendations.
    – Training and deploying ML models for job relevance scoring and implementing APIs to serve predictions in real-time.
    – Collaborating on data pipelines and managing communication between mobile clients and AI backend services.
    – Tools Involved: React.js, Django, React Native, FastAPI, Python, PostgreSQL, Git, REST APIs, Machine Learning (PyTorch/sklearn)

- **Associate Frontend Developer**   Jul 2023 - Dec 2024
  Codespider Sri Lanka
    – Collaborated on the development and enhancement of enterprise-level **ERP systems** to streamline internal business operations.
    – Designed and implemented dynamic, user-friendly UI components using **Angular**, adhering to modular design and best practices.
    – Participated in code reviews, bug fixing, and performance optimization to improve usability and responsiveness across various ERP modules.
    – Matrics and dashboard standardization for several microservices
    – Tools Involved: Angular, TypeScript, HTML5, CSS3, Bootstrap, REST APIs, Git, VS Code

PROJECTS

- POS-SYSTEM -Cloud Based POS-SYSTEM (R-Tech Solutions) Jan 2025 – On Progress
  - Contributed to the end-to-end development of a **cloud-based POS system** designed for small to medium-sized businesses.
  - Developed a responsive and modular frontend interface using **React.js**, focusing on usability and performance.
  - Designed and implemented **RESTful APIs** for communication between frontend and backend services.
  - Collaborated with cross-functional teams to optimize system architecture, database design, and deployment readiness.
  - Tech Stack: ReactJs , Django , Python , PostgreSQL , REST APIs

- AI-Based Job Search App -R-Tech Solutions April 2025 – Present
  - Developed a **mobile job search application** that intelligently matches users with job opportunities using AI-driven recommendation systems
  - Built the entire **frontend using React Native**, delivering a smooth and responsive UI/UX for job seekers, including features like user onboarding, job browsing, and filtering.
  - Designed and implemented a **FastAPI** backend to handle user data, job listings, and AI model integration
  - Created and deployed **machine learning models** for job matching and resume parsing, enabling personalized job recommendations based on user profiles and preferences
  - Developed clean and secure **REST APIs** to facilitate real-time communication between frontend and backend.
  - Focused on modular architecture and performance optimization to support scalability and quick response times.
  - Tech Stack: *React Native , FastAPI, Python ,Machine Learning, REST APIs*

- **AI Image Classifier**-**(Personal** Projects) June 2025
  - Developed an image classification app using **React Native** for the frontend and **FastAPI** backend.
  - Built and integrated machine learning models for image recognition and classification.
  - Implemented a **FastAPI** backend to handle image uploads, run inference using ML models (e.g., CNNs), and return predictions.
  - Trained and fine-tuned image classification models using popular Python libraries such as **scikit-learn** and **PyTorch**.
  - Focused on optimizing performance, model accuracy, and delivering real-time predictions to enhance user interaction.
  - Tech Stack: React Native, FastAPI, Python, Machine Learning

- **Enterprise Resource Planning (ERP) System - Codespider**   May 2023 – Dec 2023
  - Contributed to the development and maintenance of a modular **ERP system** aimed at streamlining core business operations such as inventory, finance, and HR management.
  - Designed and implemented **dynamic, reusable UI components** using **Angular**, following best practices in component-based architecture.

  - Integrated frontend interfaces with **RESTful APIs**, ensuring seamless interaction between the client and backend services.
  - Worked closely with backend developers and QA engineers to deliver high-quality features and perform rigorous testing.
  - Focused on performance optimization, responsive design, and enhancing user experience across multiple ERP modules.
  - Tech Stack: Angular, TypeScript, HTML5, CSS3, Bootstrap, REST APIs

- **AI Expense Tracker**- (In Progress)
  - Currently developing a mobile application to help users track, categorize, and analyze expenses using AI.

  - Building the frontend using **React Native** with a focus on clean UI and intuitive user interaction.

  - Designing backend services in **FastAPI** to handle transaction data, user authentication, and AI-powered analytics.

  - Implementing machine learning models to automatically categorize expenses and provide personalized financial insights.

  - Aiming to integrate features such as budget tracking, spending behavior analysis, and visual dashboards.

  - Technologies: *React Native, FastAPI, Python, Machine Learning*

EDUCATION

- **Pearson BTEC Higher National Diploma (HND) in Computing**   *June 2023 – June 2025*
  - Specialization in Software Engineering Fundamentals
  - Studying Software Architectural Patterns and Design Principles
  - Coursework includes Basic Mathematics for Computing

- **Pearson BTEC Diploma in Computing**

  Kandy, Sri Lanka | May 2022 – August 2023
  - Achieved **Overall Merit**
  - Focused on foundational computing principles and programming concepts

SKILLS

- Programming Languages: JavaScript, Python, C#
- Frameworks: ReactJs, AngularJS, React-Native, FastAPI, Django
- Databases: MySQL, PostgreSQL,Supabase
- Web Development: HTML5, CSS, SCSS
- Version Control systems:GitHub, Bitbucket

- Additional Spoken Languages: English, Sinhala(Native),Tamil(Native)

INTERESTED FIELDS

Full-Stack Web Development| Mobile Application Development| Artificial Intelligence / Machine Learning AI-Powered Product Development | *Backend Development & API Design*