

SMITH DIAS

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SUMMARY

Full-Stack Developer and Coding Instructor with proven experience in enhancing web application performance and user engagement. Skilled in Frontend Development, Node.js, and MERN stack. Equally adept at teaching coding skills and improving student proficiency.

WORK EXPERIENCE

Python Developer – AI & Machine Learning

Jan 2025 - Present

- Developed and deployed AI models, improving business operations efficiency by 30% through automation
- Implemented machine learning algorithms for predictive analytics, increasing forecasting accuracy.
- Optimized Python code for data processing and model training, reducing processing time by 40%.
- Utilized deep learning frameworks like TensorFlow, PyTorch, and scikit-learn to build models that enhanced customer engagement.

Brain Quest - Full Stack Developer

Mar 2022 - May 2022

- Developed and implemented new features on a full-stack web application, utilizing React and Node.js, resulting in a 30% increase in system performance metrics.
- Integrated Wix Velo API into the existing platform to enhance service offerings.
- Led the optimization of backend performance by refining database queries and API response times.

Coding Ninjas – Teaching Assistant

Oct 2021 – Feb 2022

- Reviewed and graded assignments, projects, and exams, ensuring accurate assessment of student progress and providing constructive feedback on code quality and best practices.
- Facilitated lab sessions and workshops, demonstrating practical applications of MERN stack.
- Assisted over 30 students in mastering development through personalized one-on-one tutoring sessions.
- Guided students through reviewing assignments and projects to provide constructive feedback.

EDUCATION

Humber Polytechnic - CA

Information Technology Solutions

University of Mumbai

Bachelor of Computer Science

PROJECT EXPERIENCE

AI-Powered Job Portal (Full-Stack | MERN | AI Integration | Cloud | REST API)

- Developed a full-stack job portal with separate dashboards for recruiters and applicants, enabling seamless job posting and application tracking.
- Integrated AI-based resume parsing and matching, improving candidate-job compatibility by 40%.
- Designed and deployed a secure REST API to handle authentication, job listings, and user interactions

Market Place for Old Books (Android | Java | Flutter | Firebase | Google Maps API)

- Built a cross-platform marketplace app for users to buy, sell, and swap old books, promoting accessibility and sustainability.
- Developed backend using Java with Firebase, ensuring real-time book listings and seamless transactions.
- Integrated Google Maps API to enable location-based book exchanges and user-friendly search functionality.

TECHNICAL SKILLS

Programming: Java, JavaScript, NodeJS, TypeScript

Database: PostgreSQL, MongoDB, MySQL

Cloud Technologies: Amazon Web Service(AWS), Microsoft Azure