Parva Raval

Full Stack Developer

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EXPERIENCE

Full Stack Developer
Nov. 2022 – Dec. 2023

Tusker AI
Ahmedabad, India

- Spearheaded the integration of advanced deep learning algorithms into AI-OPS, enabling seamless enterprise automation with a single click.
- Pioneered Tusker AI, a revolutionary conversational AI platform leveraging Next.js, TypeScript, and Supabase for optimal scalability and user experience, integrating Machine Learning, Image Processing, and Signal Processing capabilities.
- Oversaw end-to-end software development, from requirements understanding to deployment and maintenance, and implemented a robust testing infrastructure using Playwright, reducing production bugs by 85% and enhancing deployment efficiency and product reliability.

Software Developer
Jul. 2022 – Aug. 2023

Sanghvi Info Pvt. Ltd.
Ahmedabad, India

- Upheld Coding Guidelines rigorously, ensuring enhanced code readability and maintainability, while employing Test-Driven Development (TDD) with JUnit for creating more robust and bug-free software. Additionally, actively contributed to agile processes, resulting in a 20% improvement in project delivery time through effective sprint planning, daily scrum participation, and stakeholder feedback integration.
- Collaborated with project managers to establish realistic coding milestones, adopting modern development methodologies that boosted user satisfaction and productivity by 50%.
- Engineered an internal tool using Bootstrap, MongoDB, and Node.js at Sanghvi Info Pvt. Ltd., enhancing hardware issuance efficiency by 30% for administrative and shop floor personnel.

Junior Web Developer
Feb. 2022 – May 2022

Leisure Leagues
Warwick, United Kingdom

- Executed end-to-end web development, translating mock-ups into practical use cases using a stack including Laravel, JavaScript, AJAX, and JSON. Developed wireframes, site maps, and content inventories to guide new website designs, leveraging PHP, SQL, and JavaScript for robust backend support.
- Enhanced user engagement by 30% through the creation of a React Native Mobile App for Android and iOS, seamlessly integrating website functionalities. Actively participated in agile development processes, contributing to a 20% improvement in project delivery time, and collaborated with cross-functional teams to design and integrate RESTful APIs, enhancing application performance and user experience.

Full Stack Developer
Jun. 2018 – Dec. 2021

Softvan
Ahmedabad, India

- Led the pioneering efforts in Softvan to develop groundbreaking AI-driven solutions, harnessing the power of JavaScript and advanced AI technologies to elevate facial expression and emotion detection capabilities, yielding a substantial 15% boost in customer retention.
- Utilized Architectural Patterns to optimize system scalability and performance across multiple projects, including image processing and data processing software with AI integration, showcased on the company website.
- Played a pivotal role in resolving critical issues and ensuring seamless deployment of projects, while consistently delivering detailed project reports and milestone updates to the team lead.
- Implemented agile development methodologies, driving a significant 20% reduction in development time and achieving a commendable 50% increase in on-time project delivery.

Software Developer Intern
May 2017 – May 2018

Tata Consultancy Services
Gandhinagar, India

- Led the development of the iTax Android mobile application, a pivotal component of the Integrated Tax Administrative System for Kenya, utilizing JAVA and Android Studio.
- Enhanced and optimized features within high-traffic applications on the Android platform, ensuring optimal performance and user experience.
- Conducted thorough unit testing using Mockito to validate application functionality across various Android OS versions, while seamlessly integrating third-party libraries to expand app capabilities. Additionally, collaborated effectively with cross-functional teams to ensure smooth integration of Android app solutions.

Education

Coventry University — Coventry, United Kingdom
MSc in Computer Science — *2021 – 2022*

- Relevant Courses: Web Application and AI, Artificial Neural Network, Computer Architecture and System Programming, Machine Learning and Big Data, Software Development Project, Mobile Platforms and Application Development, Computing Individual Research Project, Security of Emerging Connected Systems.

Gujarat Technological University — Gandhinagar, India
B.Eng in Information Technology — *2013 – 2017*

- Relevant Courses: Python Programming, Object Oriented Programming With C++, Object Oriented Programming With Java, Advance Java, .Net Technology, Data Structure, Database Management Systems, Analysis and Design of Algorithms, System Programming, Data Compression and Data Retrieval, Artificial Intelligence, Big Data Analytics, Mobile Computing and Wireless Communication, Web Technology, Information and Network Security, Data Mining and Business Intelligence, Numerical and Statistical Methods for Computer.

Technical Skills

Languages: Python, JavaScript, TypeScript, Java, .Net, SQL
Front-End Frameworks: React, React.js, React Native, Angular, Next.js, Svelte.js, Redux.js, HTML, CSS, SCSS, Tailwind CSS
Back-End Frameworks: Django, Flask, Node.js, Express.js, .Net Core, RESTful APIs, GraphQL, Prisma, Spring Boot
Databases: MongoDB, MySQL, NoSQL, Supabase, Postgres
Developer Tools: Git, GitHub, AWS, Figma, Azure, Jenkins, Docker, Kubernetes, Ansible, Jupyter Notebook, Anaconda
Testing Tools: Cypress, Jest, Playwright
Soft Skills: Mobile App Development, Operating System, Windows Servers, Computer Networks, Software Architectures, System Design, System Support, Image Processing, Signal Processing, Socket Programming, Presentation, Embedded Systems, Computer Vision, Object Detection, Planning, Organization, Creative Problem-Solving, Industrial Protocols, Teamwork, Active Listening, Adaptability, Analytical Thinking

Certifications

Artificial Intelligence and Machine Learning
Issued Jan. 2023 by LogicRays

Python 3 Programming by Coursera
Issued Nov. 2020 by University Of Michigan (Coursera)

Java SE 7 Programming
Issued Mar. 2017 by Oracle - 50388444