Vishal Popat

Software Developer

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SUMMARY

Results-driven Software Developer with over 2 years of experience in full-stack development, specializing in data synchronization and integration platforms. Proficient in React, Node.js, and TypeScript, utilizing expertise in enterprise-grade API development and cloud computing to build scalable applications and enhance user experience.

SKILLS

Programming Languages   JavaScript (ES6+), TypeScript, Python
Frontend Development   Node.js, Express.js, ReactJS, Next.js, Redux, HTML, CSS, SCSS, Tailwind, Bootstrap
Backend Development   RESTful APIs, GraphQL, Microservices, Authentication (JWT, OAuth), WebSockets
Database Technologies   MongoDB, MySQL, PostgreSQL, Firebase, DynamoDB
Cloud & DevOps   AWS (Lambda, DynamoDB, API Gateway, S3, CloudWatch), Azure, Google Cloud Platform (GCP), Docker, Kubernetes

EXPERIENCE

Backend Developer
Oct '21 — Nov '22
Welpel Info
Surat, India

- Developed and maintained a three-panel MERN stack website, Import Done, for managing import orders across multiple platforms.
- Designed and implemented RESTful APIs enabling seamless data synchronization and integration between enterprise systems.
- Created robust data mapping solutions and data transfer pipelines for efficient cross-platform operations.
- Built comprehensive documentation for backend services and API integration points.
- Visualized real-time data analytics using Chart.js and Recharts, enhancing decision-making efficiency for stakeholders.
- Implemented a real-time communication system using Socket.IO, improving coordination between development teams.
- Delivered real-time notifications through React Toastify and Web Push, supporting behind-the-scenes operations.

Technical Prompt Engineer
Apr '25 — Present
Outlier
Canada (Remote)

- Engineer prompts for AI systems that generate web applications, focusing on data synchronization and integration.
- Collaborate with developers, data architects, and engineers to refine AI-powered technology solutions.
- Document methodologies and validation processes for emerging AI technologies.
- Design and validate data models for efficient data transfer between platforms.
- Implement test-driven development (TDD) practices for AI-driven developer tools.

PROJECTS

JobSphere – Online Job Portal Link

- **Multi-Platform Integration**: Developed a three-panel system (User, Employer, Admin) with cross-platform data synchronization.
- **Advanced Data Mapping**: Implemented resume-to-job mapping with validation algorithms to match candidates to positions.
- **Enterprise-Grade Architecture**: Built using React.js, TypeScript, Node.js, Express.js, MongoDB, with data transfer pipelines.
- **Methodology & Collaboration**: Applied Agile and test-driven development practices, utilizing Trello for project management.

Drive Test Link

- Designed and implemented a driver registration system with data synchronization between public safety databases.
- Integrated admin tools for slot management using Node.js backend with robust data validation methodologies.
- Created comprehensive documentation for maintenance and operations.
- Deployed with optimized data transfer pipelines, ensuring reliability across platforms.

EDUCATION

Graduate Certificate in Web Development, Conestoga College (GPA: 39.4/4.0)

Jan '23 — Apr '24
Kitchener, Canada

- Capstone Project: Led the development of JobSphere, an online job portal that integrates Agile practices and advanced web technologies.

Bachelor in Computer Science, Veer Narmad South Gujarat University

Jan '18 — Dec '21
Surat, India

- Capstone Project: Developed a Library Management System backend using PHP.

CERTIFICATIONS

IT Support Professional Certificate, Google

Apr '24

Project Management Professional Certificate, Google

May '24

IT Automation with Python, Google

Dec '24

IT Leadership, ServiceNow

Jul '24