Hemang Jagani
Software Developer

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ReactJS | NextJS | NodeJS | SQL | NoSQL | Cloud Computing

PROFESSIONAL SUMMARY

A dynamic Software Developer with over 4 years of proven expertise in developing scalable, secure applications and delivering end-to-end software solutions. Specialized in building robust backend systems with Node and Express designing modern front-end interfaces using React and deploying applications on cloud platforms like AWS and GCP. Adept at leading Agile development lifecycles and collaborating with cross-functional teams to deliver enterprise-level solutions that exceed client expectations. I aim to use cutting-edge technologies to solve real-world problems and help society.

KEY SKILLS

Languages & Fundamentals: JavaScript, TypeScript, Python, SQL, HTML/CSS, SCSS
Frontend Libraries: React.js, Next.js, Redux (Thunk, Toolkit, Saga), Recoil, Context API
UI & Styling: Tailwind CSS, Styled Components, StyleX, MUI, ANTD, Shadcn, NextUI, React Bootstrap, Storybook
Backend & APIs: Node.js, Express.js, Django, Flask, REST APIs, GraphQL, MVC, Microservices, Shopify API, WebSockets, Socket.io
Databases & Storage: PostgreSQL, MongoDB, MySQL, Firebase, ElasticSearch
DevOps & Cloud: Docker, PM2, GitHub Actions, Bitbucket, Vercel, UpCloud, AWS, GCP, CI/CD Pipelines
Tools & Platforms: Asterisk, FreePBX, Twilio, Jira, Trello, ClickUp, GitHub Copilot, Cursor.ai, Postman, Insomnia, Swagger UI

RELEVANT PROFESSIONAL EXPERIENCE

Software Developer   December 2021 – August 2024
Infotech Solutions   Surat, Gujarat
Collaborated cross-functionally with stakeholders to gather requirements, create high-fidelity Figma prototypes, and execute end-to-end development and deployment tasks to ensure successful project delivery and client satisfaction. Deployed scalable AWS/GCP solutions, optimized performance with caching and code analysis, and integrated secure SSO/payment gateways, supporting frontend workflows with reusable React components.

- Delivered end-to-end solutions by designing user interfaces and developing backend services, including data models and API endpoints.
- Contributed to the SaaS version of the product using React, Node, Express, REST services, SQL Server, and microservices architecture.
- Designed and developed many customs react hooks to optimize code and make reusable business logic.
- Implement Redux toolkit and RTK query for API caching and global state management.
- Integrated secure payment gateways using Stripe and PayPal APIs to enhance the user transaction experience.
- Implemented Single Sign-on (SSO) services for third-party users using OIDC and OAuth 2.0. Designed a real-time analytics dashboard using React, Express and Socket.io for enabling executives to access critical business insights efficiently.
- Ensured code consistency and quality by adhering to established coding standards and practices.
- Migrated the application from React Context API to Redux toolkit, ensuring seamless integrations and preserving all functionalities to build scalable architecture and successfully lead cloud deployment effort in AWS and GCP to create deployment documents for customers to follow.

RELEVANT FREELANCE/TEACHING EXPERIENCE

Full Stack Developer   Dec 2024 – Present
Upwork | 250+ Hours | 100% Job Success   Remote
Designed and implemented scalable backend systems for cloud-based VPS and RDP services, leveraging GCP APIs to automate VM provisioning with configurable OS, RAM, storage, and control panel setup (Plesk/cPanel with or without license). Integrated third-party payment gateways for seamless transactions and subscription handling.

- Built RESTful backend APIs using Node.js and Express for provisioning virtual machines via GCP, allowing dynamic configuration of OS, RAM, storage, and control panel setup with license handling.
- Developed RDP service modules using UpCloud APIs, supporting automated invoice generation, subscription renewals, and credential delivery through secure email flows.
- Implemented comprehensive API documentation with Swagger UI and automated deployment pipelines using GitHub Actions, Docker, and PM2 for scalable service delivery on GCP.

Teaching Assistant   Jan 2025 – April 2025
Algoma University   Brampton, Ontario

- Conducted weekly lab sessions and review workshops for over 50 undergraduate students, focusing on core Java programming and object-oriented principles (OOP).
- Delivered clear and engaging explanations of fundamental DSA topics including arrays, linked lists, trees, stacks, queues, and sorting algorithms.

KEY PROJECTS

Tricargo.aero   Link: https://tricargo.aero/
Full Stack Developer | React, GraphQL, PostgreSQL, AWS, React Context API
The neutral flight search application for cargo, with a frontend UI in React and backend in Python, GraphQL, and PostgreSQL. Implemented CI/CD pipelines using Docker and AWS services. Integrated third-party APIs and worked with large aviation flight datasets, including cleaning and preprocessing for usability. Designed the backend to provide open APIs for stakeholders to sell to third-party applications.

- Developed responsive frontend using Material UI and React Context API; built backend with FastAPI and GraphQL to support dynamic aviation data queries; integrated AWS SES for transactional emails, S3 for file storage, and deployed using CodePipeline and Docker.

Kainam.ai   Link: https://kainam.ai/
Front-end Developer | Next.js, Shadcn, Tailwind CSS, Rest API, AWS
Web application where users can upload datasets (CSV or others), preprocess data, set parameters, visualize data with interactive graphs, identify outliers, and predict results. Users can save their work and modify it later. Created and integrated APIs to load datasets, preprocess data, run models, and generate predictions.

- Built full-stack data analysis platform using React, Next.js, and Plotly for the frontend; Flask APIs for data processing and visualization; Deployed using GCP Cloud Run with CI/CD pipelines via GitHub Actions.

EDUCATION

Master of Computer Science   September 2024 – August 2025
Algoma University   Brampton, ON

Bachelor of Technology in Information Technology   July 2019 – June 2022
UKA Tarsadia University   Bardoli, Gujarat