

Pankaj Ahakey

Junior Software Developer

SUMMARY

- Proficient in backend development using Node.js, Express.js, and TypeScript, with hands-on experience designing scalable microservices and multi-VM architectures, including Nginx reverse proxy implementations.
- Skilled in cloud infrastructure management across AWS, Azure, and DigitalOcean, optimizing resources, alongside CI/CD pipeline automation using GitHub Actions and Azure DevOps.
- Strong expertise in databases (MongoDB, MySQL, PostgreSQL), frontend frameworks (React.js, Angular), and software development best practices, including feature-based Git workflows, system design, and secure file handling with MongoDB GridFS.

TECHNICAL SKILLS

Main Technical Skills	Node.js (1 yr.), Express (1 yr.), TypeScript (1 yr.), React (1 yr.), JavaScript
Programming Languages	JavaScript, TypeScript (1 yr.)
JavaScript Frameworks	Express (1 yr.), Node.js (1 yr.), React (1 yr.)
Databases & Management Systems / ORM	AWS DynamoDB, MongoDB (1 yr.), MySQL, PostgreSQL, Redis
UI Frameworks, Libraries, and Browsers	Socket.io
Cloud Platforms, Services & Computing	AWS (1 yr.), Azure (1 yr.), DigitalOcean (1 yr.), Zapier
Amazon Web Services	AWS CloudWatch, AWS DynamoDB, AWS SNS, AWS SQS
Azure Cloud Services	Azure DevOps
Virtualization, Containers and Orchestration	Docker, Kubernetes
Version Control	Git (1 yr.), Github Actions
SDK / API and Integrations	GraphQL, RESTful API (1 yr.), Stripe
Message/Queue/Task Brokers	Kafka, RabbitMQ
Methodologies, Paradigms and Patterns	microservices architecture
	Nginx (1 yr.)

Web/App Servers, Middleware	
Platforms	Odoo, QuickBooks
QA, Test Automation, Security	Postman
Mail / Network Protocols / Data transfer	WebSockets

WORK EXPERIENCE

Software Developer - Irish Taylor (Backend Services and Business Workflow Automation)

Duration: July 2023 - present

Summary:

- Development of scalable backend services and automation of business workflows for Irish Taylor, a company likely involved in providing business solutions
- The project includes improving API performance, implementing multi-VM architecture, and integrating various third-party APIs to automate operations

Responsibilities:

- Designed and developed scalable backend services using Node.js, Express.js, and TypeScript.
- Designed a multi-VM architecture with Nginx reverse-proxy to reduce latency and improve security.
- Integrated Stripe, QuickBooks, Zapier, FedEx APIs to automate business workflows.
- Implemented CI/CD pipelines using GitHub Actions and Azure DevOps.
- Managed cloud infrastructure across AWS, Azure, and DigitalOcean.
- Built a secure file-handling system using MongoDB GridFS.
- Collaborated with frontend, QA, and DevOps teams for integration and stability.
- Customized and optimized Odoo ERP modules to automate business operations.

Technologies: Node.js, Express.js, TypeScript, Nginx, Stripe API, QuickBooks API, Zapier API, FedEx API, GitHub Actions, Azure DevOps, AWS (Lambda, EC2, S3, API Gateway), Azure, DigitalOcean, MongoDB GridFS, Odoo ERP

Full Stack Developer - GetBit.Money (Cryptocurrency Market Data Platform)

Duration: July 2022 - October 2022

Summary:

- Development of backend modules and responsive frontend components for GetBit Money, a platform providing Bitcoin market data with real-time updates
- The project involved API integration for cryptocurrency data and enhancing user experience on web and mobile

Responsibilities:

- Developed backend modules and APIs using Node.js and Express.js for Bitcoin market data retrieval.
- Integrated external cryptocurrency APIs and optimized API response performance.



- Built responsive UI components using React.js.
- Collaborated using Git with feature-based workflows and code reviews.

Technologies: Node.js, Express.js, React.js, Cryptocurrency APIs, Git

Developer (Chat-App)

Summary:

- Development of a full-stack real-time chat application featuring instant messaging, user authentication, and real-time chat rooms
- The app secures user data with MongoDB encryption and supports sending invites

Responsibilities:

- Developed real-time chat functionality using Socket.io.
- Secured user data with MongoDB encryption.
- Implemented features such as sending invites, real-time chat rooms, and user authentication.

Technologies: Socket.io, MongoDB

Developer (Pakia Shop)

Summary:

- Engineered a React
- js-based e-commerce platform with MongoDB-Atlas database
- The platform includes a diverse product catalog, Stripe payment gateway integration, add-to-cart functionality, order tracking, automated email notifications, admin routes, user authentication, and profile management

Responsibilities:

- Developed e-commerce platform frontend using React.js.
- Implemented backend with MongoDB-Atlas database.
- Integrated Stripe payment gateway.
- Implemented add-to-cart, order tracking, and automated email notifications.
- Developed admin routes, user authentication, and profile management.

Technologies: React.js, MongoDB-Atlas, Stripe API

EDUCATION

- **IIITM Gwalior, MP, India**
Integrated Dual Degree (B.tech and M.tech)
2018 - 2023

