

ABHAYSINH GAIKWAD

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Experience

Software Development Engineer I

July 2024 – Present

PropFTX

JavaScript, MYSQL, PostgreSQL, Docker, AWS

- Architected and maintained scalable backend services using Node.js and MySQL within a **serverless architecture** hosted on **AWS** (Lambda, API Gateway, Cognito, VPC, RDS, SQS).
- Integrated** third-party vendor services for secure payments and KYC verification, enhancing transaction security.
- Developed backend for an **RBAC**-based admin dashboard, including features like **metrics** tracking for property, transaction, and user data.
- Optimized backend performance by fine-tuning **SQL** queries, improving data retrieval **speed**, and ensuring the system could **scale** with increasing user base.

Skills

- Tools/Languages** : JavaScript, SQL, NoSQL, Node.js, Express.js, React.js, HTML/CSS
- Databases** : MySQL, PostgreSQL, MongoDB
- Cloud** : AWS (EC2, Lambda, API Gateway, S3, SES, SNS, Cognito, Amplify, App Runner), CI/CD, Docker, Git

Education

Shivaji University

Bachelor of Arts (English)

June 2019 – June 2022

Kolhapur, India

Masai School

Full Stack Web Development

August 2023 – May 2024

Bangalore, India

Projects

PropFTX - Fractional Real Estate Investment Platform | Node.js, Express.js, MYSQL, Docker, AWS tools(EC2, Lambda, API Gateway, VPC, Cognito, SES, SNS, S3)

- * Company Overview: PropFTX is the world's first fractional real estate platform, leveraging AI and blockchain to offer transparent, tokenized property investments.
- * Project Overview: Led the development and scaling of a seamless user-centric platform, enabling fractional ownership of real estate with a focus on security and efficiency.
- * Backend Engineering: Designed and deployed a serverless AWS-based architecture with Node.js and MySQL, integrating Hyperverge for KYC, PayU for secure payments, and automated email invoicing. Implemented a CI/CD pipeline for continuous delivery and smooth application scaling.

WowCurze: Co-Own Car Platform | Node.js, Express.js, MYSQL, Docker, AWS tools(EC2, Lambda, API Gateway, VPC, Cognito, SES, SNS, S3)

- * Developed a slot reservation system for booking, payment checks, and automatic slot release to prevent overbooking.
- * Implemented Role-Based Access Control (RBAC) for 15+ roles, managing access across marketing, onboarding, management, and other teams.
- * Automated invoice generation and storage in the database, with AWS SES for emailing invoices, KYC reminders, and asset details, ensuring zero manual intervention and enhancing customer engagement.

Phoenix-Escrows - Escrow Management Application | Node.js, PostgreSQL, AWS Tools(App Runner, Amplify, SQS, EC2, SES)

- * Project Overview: Developed an escrow management platform in partnership with IDFC Bank, enabling clients to securely manage escrow accounts, process bulk payouts, and ensure transparent transactions with a trustee involved.
- * Contributions: Designed the database schema for efficient account management, developed signature-based APIs for secure transaction validation, and integrated IDFC Bank's APIs for seamless banking interactions.
- * Optimized SQL scripts for performance and scalability, ensuring fast transaction processing. Implemented CI/CD pipelines for automated deployment, streamlining continuous integration and delivery.