

ROMIO

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Software Engineer with over four(4+) years of experience in full-stack development and leading product cycle from conception to completion. Expertise in system design, development, and debugging system using latest tools and technologies.

WORK EXPERIENCE

Appsimity Solutions Dec 2020 - present **Software Engineer**

- Created a subscription purchasing system for users that manages yearly subscription plans, and allows users to access different features based on the subscription plan.
- Analyzed old system architecture or services, and came up with an optimized architecture; presented outputs to the CTO.
- Developed APIs in an optimized way by following REST patterns and microservice architecture with best practices that leads to increase the performance by 40%.
- Created a real-time audio-chat system(like Clubhouse) with Socket.io. Implemented optimized algorithms for the same that help to handle numerous users at a time.
- Created & published several libraries/submodules to share common code among multiple services within microservice architecture.
- Efficiently handled a team of 4-5 developers by interacting with them for the product roadmap and performance enhancement to meet clients' requirements.
- As a Team Lead, guided the team to launch 5 versions of the application on the Play Store and App Store.

Eduwaive Foundation May 2019 - Nov 2020 **Full Stack Developer**

- Worked on the company's in-house AI/ML-based labeling tools from scratch. Implemented APIs and interactive charts for the dashboard of the labeler application using the amCharts library.
- Created the back-end, and front-end of the Student360 platform from scratch and designed the system design plan and database schema for the same.
- Developed and deployed serverless platform-based highly scalable containerized applications on Cloud Run.
- As a Team Lead, guided 2-3 team members to launch the android and web applications.

EDUCATION

Master of Computer Application

Lovely Professional University | Specialization in Big Data

Aug 2017 - Aug 2019

CGPA-9.01

Bachelor of Computer Application

West Bengal University of Technology | Specialization in Web Development

Jul 2014 - Jul 2017

CGPA-9.12

SKILLS

- **Programming Languages:** JavaScript(ES6), TypeScript, Python, C++, Java, C
- **Frameworks/Library:** Node.js, Express.js, React, GraphQL, Socket.io, Angular, Flask, Jest, Puppeteer, BullMQ
- **Databases:** MongoDB, Redis(in-memory), MySQL
- **Cloud Services:** AWS(EC2, S3, CloudFront, SES), GCP(Cloud Run, Cloud Storage, Firestore), Digital Ocean
- **DevOps:** Docker, Kubernetes, CI/CD(Github Actions, Travis), Nginx
- **Platforms:** Firebase, Twilio, Stripe, Message Queue(NATS streaming)
- **Industry Tools:** VS Code, Postman, Git, Github, Jira, MongoDB Compass, Minikube, Skaffold
- **Others:** Data Structure & Algorithms, Object Oriented Programming, Microservice Architecture

PERSONAL PROJECTS

- **Ticket Hub** | Tech Stack: React, Node.js, Express.js, MongoDB, TypeScript, Message Queue, Stripe Jan 2023 - Present
- **Chat App** | Tech Stack: Node.js, Express.js, MongoDB, Socket.io Aug 2021 - Sep 2021
- **Know Your Emotion** | Tech Stack: JavaScript, Azure(Face API), PHP, HTML, CSS Apr 2019 - Apr 2019
- **Time Table Generator** | Tech Stack: PHP, MySQL, JavaScript, Ajax, jQuery, HTML, CSS Jan 2019 - Apr 2019
- **GreatDeal** | Tech Stack: PHP, MySQL, JavaScript, Ajax, HTML, CSS, Bootstrap, MVC Feb 2017 - May 2017

CERIFICATIONS

- Advanced Nodejs
- Architecting with Google Kubernetes Engine Specialization
- Python for Everybody Specialization