

Kalyan Bhowmick

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EXPERIENCE

Senior Software Engineer

Apr 2022 – Nov 2024

iProgrammer Solutions

Pune, India

- Estimated, designed and developed solutions for client's user stories
- Led a team of 4 members and involved throughout the whole SDLC
- Involved in conversion of Monolithic to Microservices architecture
- Developed Backend architecture of a mobile application which has offline and online functionality
- Experience of working on Agile sprint
- Knowledge and experience on AWS service like EC2, Codebuild, SQS, SNS, Codecommit, Lambda, Stack etc.
- Awarded Star of the month for my work in this project

Senior Software Developer

Apr. 2019 – Apr 2022

Qleverlabs Technologies

Bangalore, India

- Worked mainly on technologies like Node.js, express and MongoDB.
- Proficient on Javascript, knowledge of asynchronous programming.
- Knowledge of building secure, robust, scalable APIs for both mobile/web Application
- Experienced on HTML, CSS and Bootstrap in designing and creating UIs
- Unit test using Mocha and Chai for javascript applications
- Knowledge of hosting and maintaining website and web application on AWS and Google Cloud Platform
- Full understanding of versioning tools - Git, GitHub, GitLab, Bitbucket

TECHNICAL SKILLS

Languages: Javascript, Python, C++, SQL (MySQL, Oracle, Postgres), NoSQL(MongoDB)

Frameworks: Node.js, Svelte, Deno, Ant Design, Bootstrap, Material-UI

Developer Tools: Git, GitHub Actions, Docker, Bitbucket, AWS(SQS, SNS, SES, Cloudwatch, Lambda, Codecommit, etc.), Google Cloud Platform, VS Code

Libraries: Reactjs, Mocha, Jest

PROJECTS

Spectralink | *Node, Svelte, DynamoDB, AWS*

Sept 2024 – Nov 2024

- Expected role on this project was to work as a Fullstack developer independently
- Made dashboard from current React to Svelte in a short span of time which shows my ability to learn new skill
- Moved existing Node, Express APIs to AWS Lambda function using AWS CDK
- Wrote test cases using Jest to make those new APIs backward compatible

AMPS CRM | *Node, React, Express, MongoDB, AWS, GitHub Actions*

Apr 2024 – Aug 2024

- My role on this Project was Tech Lead and Backend Developer
- This is an enhancement of an existing project to MERN stack
- Re-architected legacy systems to enhance scalability and reduce server response time by 40%
- Designed data model for new schema. Written Migration script to move data from MySQL to MongoDB
- CI/CD implementation using GitHub Actions

Utec | *Node, MySQL, MongoDB, AWS, Bitbucket*

2022 – 2024

- This project has a user base of around 1 million. My role on this project was a Backend lead
- Built search functionality using AWS Opensearch from existing search in MySQL, which increased response in milliseconds
- Designed and developed Notification system for sending notifications on different channels(SMS, Email, WhatsApp) using AWS SNS and 3rd party API integrations

Partner Onboard(Finance) | *Node, Angular, Typescript, Postgres*

2021 – 2022

- Partner Onboarding website for different types of portal users

- Worked as a Backend developer for this website
- Experience on working on multiple development environment and whole lifecycle of this project
- Designing DB for new features

Stocktigers | *Node, Express, AWS, Firebase* 2020 – 2021

- This is an app to learn trading with virtual money, Shows current stock prices of different stocks of BSE
- Have facilities like - Watchlist, buy and sell stocks at market or limit price
- Users have their profile and portfolio to check their bought stocks
- Designed and implemented the backend using Node.js, Express.js and MongoDB
- Implemented push notification facilities by using which notifications can be sent to all the users from Admin Panel using Firebase

Marchedelite | *Node, Express, Bootstrap, HTML, CSS, AWS* 2019 – 2021

- Started my journey as fullstack developer, working on frontend and backend independently
- Integrated a 3rd party payment library
- Developed UI using bootstrap and EJS
- Added Invoice functionality
- Was deploying and maintaining in all dev and production environment

EDUCATION

Sambhram Institute of Technology Bangalore, India
Bachelor of Engineering in Computer Science 2011 – 2015

Chandpara Bani Vidya Bithi West Bengal, India
Science 2009 – 2011