

Saurab Bajgain

Mill St 20-28, Slough, United Kingdom

07475 476283

sarv.baj98@gmail.com



[Saurab Bajgain - LinkedIn Profile](#)

I am a results-driven Lead Software Engineer with a proven track record of leading successful teams and delivering high-quality software solutions, having experience in both backend and frontend technologies. I am always open to opportunities and challenges. I look forward to working in an environment where teamwork, sincerity, and employee well-being are valued most.

PROFESSIONAL EXPERIENCE

AVODAH INC

Texas

Lead Software Engineer

January 2023- Present

- Work alongside the Director of Engineering/VP Engineering to provide leadership to the development team.
- Advise throughout the technical roadmaps development process
- Mentor and teach more junior engineers on development best practices, routines, and techniques for developing solid enterprise technologies
- Champion project scoping conversations with development teams to solidify customer needs and articulate the business impact of the solution
- Work with the development team and product managers to ideate software solutions.
- Design client-side and server-side architecture.
- Build the front-end of applications through appealing visual design.
- Develop and manage well-functioning databases and applications.
- Test software to ensure responsiveness and efficiency.
- Troubleshoot, debug, and upgrade cloud software.
- Proactively identify performance improvements in areas like responsiveness, accuracy, and scale
- Strong Knowledge in AWS, Cognito, S3, DynamoDB, AppSync, API Gateway, Amplify, Lambda, IAM, CloudFormation etc.
- Familiarity with HIPAA compliance and procedures.
- Automate and improve development and release processes.
- Identify technical problems and develop software updates and fixes.
- Work with data scientists and analysts to improve software and deployment infrastructure.
- Develop application backend using GraphQL with DynamoDB/ Aurora MySQL.

FUSEMACHINES INC (ENHATCH INC)

New York

Software Engineer

August 2020 – December 2022

- Worked as a project lead in an Intelligent Surgery Ecosystem project with more than 12 members.
- Led the team of software engineers in the creation of high-quality software within agreed project deadlines.
- Preparation, drafting, and review of software documentation and project reports to meet client requirements.
- Project documentation and coordination with DevOps for deployments.
- Prepare weekly reports and communicate with clients.
- Coordinate and be involved in decision-making for feature implementation.
- Involved in sprint planning and project retrospectives.
- Maintain coding standards and code reviews.
- Replacing the traditional class-based react component with a functional component.
- Worked with React Hooks, Redux toolkit, and Context APIs.
- Worked on Appsync, Amplify, Lambda, S3, Dynamodb, Pinpoint, GraphQL APIs, etc.
- Standardized development process for the internal team in feature deployments on AWS.
- Work under tight deadlines to deliver quality, robust output.

TRIMARK TECHNOLOGY PVT. LTD.

Xi'an City, China

Software Engineer

January 2019 – June 2020

- Developed REST APIs needed for web applications using NodeJS
- Built custom components and documentation.
- Created custom components using Angular, React, and Next.
- Multilingual support (English and Chinese).
- Market Maker implemented which can be run with centralized and decentralized exchanges.
- Trading view widget implemented.
- Pair Search option in Backtest and live Trading.
- Create database migrations, scripts, and scheduler jobs.

FUSEMACHINES NEPAL PVT. LTD.

Kathmandu, Nepal

Frontend Developer

January 2016 – June 2016

- Coordinate with remote clients for project development, including planning, estimation, documentation, reviews, testing, and deployments.
- Web application development using node and react js from scratch.

EDUCATION

Chang'an University

Shaanxi Province, Xi'an City, China

Masters in Computer Science and Technology, 2020

Orchid International College

Bagmati Province, Kathmandu, Nepal

PROJECTS

AvodahMed Nsight (React+ AWS+ NodeJS+ Python+ Typescript)

- Nsight, the AI Clinical Assistant, automatically documents patient encounters and enables customizable SOAP notes for every patient visit. Save time, work smarter, increase revenue.

Intelligent Surgery Ecosystem (NextJS + AWS Serverless + NodeJS)

- Actively involved in sprint planning and project documentation.
- Created helper Lambda functions and the tests as well.
- Involved in frequent communication with clients.
- Feature implementation and bug fixes.
- Collaborate with writing requirement specifications and design documents for a variety of development tasks including feature development, design specifications, and system integrations.
- Participate in planning, implementing new features, and maintaining existing features.
- Refactoring, debugging, testing, and implementing changes to existing applications to meet the requirements.
- Monitor all the deliverables and resolve potential issues and challenges before they get escalated.
- Improve operations by conducting systems analysis; recommending changes in policies and procedures.
- Provide proper guidance and supervision of subordinate engineers and their work.

Fuse Classroom (React JS)

- Implemented Artificial Intelligence (AI)-enabled automated proctoring solution which eliminates the need to have onsite human proctors/invigilators and ensures that there is no impersonation and/or cheating. Using the webcam monitors the test taken during the exam and generates warnings if the users display aberrant behavior – this augments academic integrity and reduces human biases.
- Implemented AI-enabled Plagiarism Checker for submitted assignments and displayed results along with percentage value and highlighted plagiarised text on both source and destination files.

Autonio (Anjular+ Node JS)

- Design UI based on client requirements.
- Bug fixes, code refactoring, frequent plugin and library updates.
- Multilingual support (English and Chinese).
- Market Maker implemented which can be run with centralized and decentralized exchanges.

- Trading view widget implemented..
- Save algorithm features through the Save My Algo button in Backtest. (By providing algorithm name and Category).
- Project Open sourced at <https://gitlab.com/autonio/autonio>

Client Admin UI - Job Analytics Dashboard Frontend (ReactJs)

- Design UI based on client requirements.
- Implement redux for application storage and token-based call for all APIs.
- Bug fixes, code refactoring, frequent plugin and library updates.
- Coordinate with the team member to discuss strategy for task completion and meeting the goals.

Sam Dashboard

- Fetch data from API and display the data on UI.
- Work on REST APIs, parse JSON data,
- Implement quartz scheduler for code efficiency and amchart(JavaScript charts) for analyzing data,
- Communicate with the stakeholders regarding the requirements of the project,
- Code review of team members.

TECHNICAL SKILLS

ReactJS, NextJS, NodeJS, NestJS, Javascript, Typescript, HTML/CSS, AWS services (like EC2, Amplify, AppSync, DynamoDB, Lambda, Pinpoint, S3, etc.), REST APIs, GRAPHQL APIs, SQL, Docker, Python, TRPC and more to come

OTHER SKILLS

- Good self-management skills; highly organized and able to prioritize.
- Excellent communication skills with the ability to articulate concepts and ideas through verbal, written, and illustrative means.
- Able to stay focused in distracting environments.
- Strong initiative and motivation to take ownership.
- Meticulous attention to detail.
- Passion for technology and working knowledge of the industrial landscape.

LANGUAGES

English, Chinese, Hindi, and Nepali.

REFERENCES

Reference 1#

Name : Sehul Viras

Designation : VP of Engineering

Company : Avodah

Contact No : 469.556.7300

Reference 2#

Name : Michael Phipps

Designation : Co-founder / CEO/ CTO at enhatch

Company : Enhatch

Contact No : 647.534.7776 (Canada)

Reference 3#

Name : Nayana Shakya

Designation : Project Manager

Company : FuseMachines

Contact No : +977-9841943303