

Shane Alam

shanealam6123@gmail.com | +91 9598798529 | LinkedIn Shane Alam

EDUCATION

BTECH COMPUTER SCIENCE

ALLENHOUSE INSTITUTE OF
TECHNOLOGY

May 2019 -Jun 2023 | CGPA 8.01

INTERMEDIATE

2016 - 2018 | Percentage 78

HIGH SCHOOL

2014 - 2016 | Percentage 84

TECHNICAL SKILLS

PROGRAMMING LANGUAGES

- JavaScript (ES6+)
- TypeScript
- Python

WEB DEVELOPMENT

FRONT-END

- React
- Next.js
- Redux
- Context API

BACK-END

- Node.js
- Express
- NestJS
- Socket.io

DATABASE & ORM

- PostgreSQL (Relational DB)
- MongoDB (NoSQL, Aggregation)
- DocumentDB (Mongo-compatible)
- Firebase Realtime DB
- ORMs: Sequelize, Prisma, Mongoose

CLOUD PLATFORMS

- AWS (S3, EC2, Route53, Lambda, API Gateway, Amplify)
- Google Cloud (Calendar, Maps, Places, Sheets Integration)

TOOLS & OTHER SKILLS

- Containerization: Docker
- Monitoring & Error Tracking: Sentry.io
- Documentation & API Standards: OpenAPI/Swagger
- Testing: Jest
- Version Control: Git, GitHub
- Collaboration: JIRA, Slack
- Web Server: Nginx
- IDEs: VS Code, WebStorm

NOTABLE CONTRIBUTIONS

- Developed and maintained a reusable npm package fcrf-common used across multiple repositories.
- Integrated Gemini AI for advanced functionality.

WORK EXPERIENCE

WEBSULTANATE SOFTWARE TECHNOLOGIES PVT LTD |

SOFTWARE DEVELOPER

Apr 2024 - Present | Lucknow

- Currently contributing as a MERN Stack developer on multiple full-stack projects, focusing on scalable web applications and user-centric solutions.

ANDROCODERS | MERN STACK DEVELOPER

Oct 2022 - Apr 2024 | Kanpur

- Delivered several full-stack web applications, leveraging the MERN stack (MongoDB, Express, React, Node.js), as detailed in the Projects Section.

RABLO.IN | BACK END DEVELOPER INTERN

June 2022 - Sep 2022 | Remote

- Collaborated with a development team to design and build RESTful APIs using Node.js and MongoDB, improving backend performance and scalability.

PROJECTS

FCRF | DIAMOND REPORTS

TECH STACK | REACT.JS, NESTJS, PUPPETEER, GOOGLE SHEETS, GIA APIs

Jun 2024 - Current | Demo URL: <https://www.fcresearch.org>

- Implemented three types of detailed reports: Diamond Report, Rarity Report, and Argyle Report.
- Enabled features such as sharing, saving, and downloading reports, enhancing user accessibility and report management.

NEK RISHTA | MATRIMONIAL WEBSITE

TECH STACK | NEXT.JS, NODE.JS (EXPRESS - CLASS-BASED

ARCHITECTURE), POSTGRESQL (SEQUELIZE ORM), GEMINI AI

Jan 2024 - Current | Live URL: <http://nekrishta.com/>

- Integrated **Gemini AI** for intelligent matchmaking and personalized recommendations.
- Utilized PostgreSQL with Sequelize ORM for scalable relational data management.

R2R CARE | HEALTH CARE WEB APP | MULTI-TENANT

TECH STACK | REACTJS, NODEJS, DOCUMENTDB, AWS AMPLIFY, LAMBDA

FUNCTION, APIGATEWAY, EVENT-BRIDGE , MOBISROLL

Sep 2023 - APR 2024 | Demo URL: <https://demo.r2rcare.co.uk>

- Implemented dynamic subdomain association using AWS Amplify, enabling seamless onboarding of new companies with isolated databases.
- Ensured data integrity and security by storing each company's information in a separate database, maintaining a robust and scalable infrastructure.

PVROOF.IO | SOLAR INSTALLER

TECH STACK | STRIPE, AWS DYNAMODB, AWS SES, EVENT-BRIDGE

Jul 2023 - Aug 2023 | URL: <https://www.pvproof.io/>

- Integrated Stripe to facilitate secure payments and accommodating both regular and 3DS card transactions for users in the UK.
- Utilized AWS SES and Event-Bridge for timely payment reminders, enhancing communication and user engagement.