

Ayush Saxena

✉ ayushsaxena994@gmail.com ☎ +91 9990430528 🔗 [linkedin.com/in/ayush-info](https://www.linkedin.com/in/ayush-info)

🐙 github.com/saxenayush-9 🏠 <https://www.hackerrank.com/saxenayush>

PROFILE

Node.js Developer with experience in **server-side development** and proficiency in **MongoDB** and **PostgreSQL**. Skilled in writing raw **SQL** queries and creating test cases using **Jest**. Strong **problem-solving** skills and effective team collaboration, committed to delivering clean and efficient code.

TECHNICAL SKILLS

Languages & Frameworks:

Node.js, Express.js

Libraries:

Handlebars, Passport.js

Databases:

MongoDB, PostgreSQL

Testing Frameworks:

Jest, Supertest

ORMs:

Sequelize, Mongoose

Deployment & Hosting:

Docker, Heroku

PROFESSIONAL EXPERIENCE

Software Development Engineer - Backend

Nov 2022 – present | Gurugram, India

Dhwani Rural Information Systems Pvt. Ltd.

Ascent Job Portal

<https://www.healthcare-careers.in/> 🔗

- Developed a healthcare job portal in collaboration with **Tech Mahindra** and **GIZ**, using **Node.js**, **Express.js**, and **PostgreSQL** with **Sequelize ORM**.
- Created portals for **employers**, **job-seekers**, and **admins**, with **RESTful APIs** for smooth operations.
- Built a **CMS** for website management and implemented **dynamic resume generation** using **Handlebars** and **PDF tools**.
- Designed a **multi-channel notification system** with **Firebase** for web notifications and **MSG91 API** for SMS, WhatsApp, and email.
- Enhanced security by encrypting **Personally Identifiable Information (PII)** using **Sequelize hooks**.

Amazon Class Chats

<https://beta.afe-classchats.in/> 🔗

- Developed the **Class Chats** program under **Amazon Future Engineers** using **MongoDB** for data management, enabling online sessions where volunteers and students.
- Implemented user roles for **NGO partners** and **volunteers**, allowing NGO partners to publish slots for one-hour classes.
- Integrated calendar blocking using **ICS file generation** and established an email notification system using **Nodemailer**.
- Utilized **Amazon SQS** for decoupling processes and managing message queues, enhancing system reliability.
- Managed multiple **cron jobs** to automate reminders for feedback and available slots, ensuring timely updates for users.

PROJECTS

Clover (E-book Platform)

<https://clover-dazm.onrender.com> 🔗

- Implemented authentication using **JWT** and **Passport.js** for local and **Google authentication** security.
- Payment gateway integration is done using **Stripe**.
- Responsive web design achieved using **HTML**, **CSS**, **Tail-Wind CSS**, **Bootstrap** and **Vanilla JavaScript**.
- Utilized **Express.js** for building **REST APIs**, **Handlebars** for creating reusable web templates, and **Mongoose** for cloud database integration

Videophone (Private Video Chat Rooms)

<https://videophone.onrender.com> 🔗

- Implemented **PeerJS** and **Socket.IO** libraries to establish user-friendly peer-to-peer connections.
- Enabled **real-time** audio and video communication for up to 6 members.
- Allowed members to invite others to their room by generating and sharing an **invite link**.