

# Rohan Uttam Lande

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## Skills

**Languages:** C/C++, Java, JavaScript, SQL

**Databases:** MySQL, MongoDB

**Frameworks & Tools:** Node.js, React.js, Express.js, Jest, Git/GitHub, SQL Server, Power BI, Postman

**Soft Skills:** Teamwork, Problem Solving, Communication, Time Management, Adaptability

## Work Experience

### Pune Institute Of Computer Technology, Pune

Feb 2024 - May 2024

#### Backend Development Intern

- Led backend development by designing **MongoDB schemas** and developing **RESTful APIs** with Node.js & Express.js for subject-wise attainment calculation.
- Implemented **JWT-based authentication** with role-based access, securing usage for **50+ faculty members**.
- Automated Excel-based processes into a web platform, reducing manual workload and improving reporting accuracy.
- Node.js, Express.js, MongoDB, JWT, bcrypt

## Education

### Pune Institute Of Computer Technology, Pune

Sep 2021 - Jun 2025

**CGPA: 8.24/10**

Bachelor of Engineering in Information Technology

Relevant Coursework: Object-Oriented Programming, Database Management Systems, Data Structures and Algorithms, Operating Systems, Computer Networks

## Project Work

### ChatHive

Mar 2024 – Sep 2024

Real-time chat application (MERN, Socket.io, Google Gemini AI, Redis)

GitHub: <https://github.com/rohanlande/chat-hive>

- Built a real-time group chat application using the **MERN stack**, enabling users to create and join team-based chat groups.
- Implemented backend REST APIs with **Node.js & Express.js** and used **MongoDB** for scalable data storage.
- Integrated **Google Gemini AI API** for on-demand AI assistance inside chat rooms.
- Engineered real-time communication features with **Socket.io**, including typing indicators and instant updates.
- Optimized security and logout flow by integrating **Redis** for **JWT blacklisting** and efficient token validation.

### ChurnTracker

Oct 2024 – Feb 2025

Customer Retention Analytics (Power BI, SQL Server, Python)

GitHub: <https://github.com/rohanlande/ChurnAnalysis>

- Implemented an **ETL pipeline in SQL Server** to clean, transform, and integrate customer data, ensuring accurate reporting and analytics.
- Designed an interactive **Power BI** dashboard to visualize churn trends, customer retention metrics, and new joiners, enabling data-driven decision-making.
- Developed a predictive churn model in Python using **Random Forest Classifier**, identifying at-risk customers and forecasting churn probability, which improved retention strategy planning.

### TicketVista

Jan 2025 – Mar 2025

Movie Booking System (Node.js, Express.js, MongoDB, React.js, JavaScript)

GitHub: <https://github.com/rohanlande/MovieBookingProject>

- Built a full-stack movie booking platform with search and booking features.
- Implemented user authentication & authorization using **JWT & bcrypt**, ensuring secure access and protected booking operations.
- Utilized **Postman** for testing and debugging APIs, ensuring seamless integration between the frontend and backend.

## Achievements

- Active participation in more than **40 coding contests** & solved **500+** problems on coding platforms.
- Highest Rated **1422** on Leetcode & **1448** on Codechef.
- Secured **1st place** at Ninja Coding Competition( Organized by PCSB Club ).
- **Active Volunteer**, PICT CSI Student Branch (PCSB)– Conducted **3+ Special Interest Group (SIG) sessions** and supported club events through consistent involvement

## Coding Profiles

**Leetcode:** Rohan Lande

**Codeforces:** Rohan0310

**Codechef:** rohanlande03