

# Abhinav Giri

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## EDUCATION

### UPES, Dehradun

B.Tech CSE - Full Stack AI

2022–2026

CGPA: 7.88/10

## SKILLS

- Languages:** Python, JavaScript, C++, C, HTML, CSS
- Frameworks/Libraries:** React.js, Node.js, Express.js, Flask, Scikit-learn, Pandas, NumPy
- Backend/Database:** PostgreSQL, MySQL, MongoDB, Firebase, REST APIs, JWT Auth
- DevOps/Deployment:** Docker, GitHub Actions, Netlify, Vercel, Render
- Cloud/Tools:** AWS (EC2, S3), Git, VS Code, Postman, Jupyter Notebook
- Soft Skills:** Collaboration, Communication, Problem-Solving, Adaptability

## WORK EXPERIENCE

### Project Intern, Xebia

June 2025 – July 2025

Developed RentEase, a secure rental management platform for Admins, Landlords, and Tenants.

(Code)

*React.js, Node.js, Express.js, PostgreSQL, Stripe API, JWT, Tailwind, Docker*

- Implemented secure role-based dashboards with JWT authentication and RBAC.
- Integrated chat, booking calendar, and payments via Stripe with encrypted API calls.
- Containerized the app using Docker and deployed it on Render and Vercel with CI/CD pipelines.

### Intern, ONGC, Dehradun

Dec 2024 – Jan 2025

Developed a multilingual AI-based text summarizer.

(Code)

*Python, Flask, HuggingFace, React.js, Google Translate API*

- Built a secure REST API using the BART-Large-CNN model for abstractive summarization.
- Enhanced accessibility by adding multilingual support via Google Translate API.
- Focused on safe handling of text data and privacy-aware API requests.

## PROJECTS

### Personal Finance Manager

(Code)

*MERN Stack, JWT, Chart.js*

- Developed secure dashboards for expense tracking with JWT-based authentication and data encryption.
- Implemented budget planning, PDF reports, and privacy-focused settings management.

### Spell Checker

(Code)

*C++, Damerau-Levenshtein, Prefix Trie*

- Designed an optimized algorithm to detect and correct spelling errors.
- Optimized lookup by replacing linear scan of CSV-based dictionary with Prefix Trie, enabling faster query resolution.

## ACHIEVEMENTS

### Shodh Research Grant Recipient

July 2025

Received grant for **AutiSense**, an AI-based autism screening tool.

*Next.js, Flask, Firebase, Scikit-learn* — Currently developing a full-stack platform with ML-based questionnaire analysis, secure backend APIs, and strict data privacy safeguards.