

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.