

Aarushi Bhatia

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EXPERIENCE

Software Intern

June 2025 – July 2025

DRDO - Defense Research and Development Organisation

Delhi, India

- Built a web portal to manage and edit Excel data extracted from scanned hardcopy documents.
- Integrated OCR for data extraction and added search, filters, and export options
- Handled inconsistent structures using data normalization and provided access to TOT guidelines.

Full Stack Developer

June 2024 – September 2024

MentorPal.ai

Bengaluru, India

- Built a dynamic assessment platform using React.js, Node.js, and JavaScript
- Developed RESTful APIs to facilitate smooth communication between the front-end and back-end systems.
- Collaborated with cross-functional teams to align technical features with business goals, leading to a 20% improvement in user engagement

PROJECTS

DocChat — *React, Express.js, Node.js, Tailwind CSS*

GitHub | Link

- Developed a full stack AI-based app to interact with a pdf document through a chat interface
- Used Gemini API for natural language understanding and responses
- Allows users to upload pdf files, get summary and ask questions
- Used Express for backend and React for frontend

Flavorly — *React, Express.js, Node.js, Tailwind CSS, MongoDB*

GitHub | Link

- Built a food delivery platform with a curated menu using React and Tailwind CSS
- Implemented secure user authentication with JWT and Express.js
- Built a functional cart system using React state for item tracking and updates
- Integrated a seamless order summary and checkout flow with MongoDB and Node.js backend

Resume Analysis — *Express.js, Node.js, MongoDB*

GitHub | Link

- Built secure Resume Analysis API with JWT auth and encrypted storage
- Used Gemini AI for smart resume parsing
- Added name-based search for quick data access

ACHIEVEMENTS

- Finalist of Smart India Hackathon by MoE, ranking in the top 2.4% teams nationwide.
- Finalist at HackData 2025 - Ranked among the top 40 teams out of 350+ participants.
- Selected for IDE Bootcamp - Ministry of Education, India
- Published a research paper titled 'Using Hydrogen SI Engine with EGR System in Submarines' under Wiley.
- Hacktober Fest Participant for adding quality pull requests at Hacktober Fest 2024 (October 2024)
- 5 - Time School Scholastic Excellence Awardee and subject topper in class 12th.
- Google Developers Student Club Event Management Volunteer 23-24.

TECHNICAL SKILLS

Languages: JavaScript, C/C++, Java, Python, SQL, HTML/CSS, R

Frameworks: React, Node.js, Express.js, Rest APIs, Next.js, Material-UI

Developer Tools: Git, Docker, AWS, VS Code

Databases: MongoDB, Postgres

Libraries: pandas, NumPy, Matplotlib

EDUCATION

Gurugram University

B.Tech. in Computer Science — CGPA: 8.6

Gurugram, Haryana

Aug. 2023 – Aug. 2027

Lions Public School

Senior Secondary School

Gurugram, Haryana

June 2023