

# Aarushi Bhatia

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## EXPERIENCE

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**MENTORPAL AI** | *Full-Stack Developer*

June 2024 – September 2024

- Engineered a dynamic assessment platform using React.js, Node.js, and JavaScript, improving system scalability by 30%.
- Created RESTful APIs for efficient and seamless communication between the front-end and back-end systems.
- Collaborated with cross-functional teams to align technical features with business goals, improving user engagement by 20%.

## PROJECTS

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**HOOTCODE** | *React, FastAPI, MongoDB, Tailwind CSS*

January 2025

- Constructed an AI-powered coding assistance platform, reducing debugging time by 50%.
- Introduced an automated code review system to enhance code quality and efficiency.
- Crafted an intuitive UX/UI using Tailwind CSS, increasing platform adoption by 35%.

**ZAPPAY** | *React, Node.js, Express.js, MongoDB*

February 2025

- Built a payments application with user authentication and a dashboard displaying searchable users.
- Implemented a seamless money transfer system for user-to-user transactions.
- Ensured a secure and efficient transaction flow with an intuitive user experience.

**FLAVORLY** | *React, Node.js, Express.js, MongoDB*

September 2024

- Developed Flavorly, a MERN stack-based food delivery website showcasing popular global dishes.
- JWT authentication for secure user login and registration.
- Designed an admin dashboard and interactive cart system, streamlining order processing by 25%.

## ACHIEVEMENTS

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- Grand Finalist of Smart India Hackathon 2024 - Ministry of Social Justice and Empowerment.
- Finalist at HackData 2025 - Ranked among the top 40 teams out of 350+ participants.
- Selected for IDE Bootcamp - SIH 2nd Edition
- 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.

## SKILLS

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

**Backend:** Node.js, Express.js, REST APIs, FastAPI, Hono

**Frontend:** React, Next.js, HTML5, CSS3, Tailwind CSS, Material-UI, Redux, Shadcn/ui

**Libraries:** pandas, NumPy, Matplotlib, Sci-kit, Tensorflow

**Databases:** PostgreSQL, MongoDB, Prisma ORM

**DevOps & Cloud:** Docker, AWS, Azure, CI/CD, GitHub Actions

**Concepts:** Data Structures and Algorithms, DBMS, Data Science

**Tools:** Git/GitHub, JWT, VS Code, Jupyter Notebooks, Google Colaboratory, MongoDB Atlas

## EDUCATION

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**Dronacharya College of Engineering**

August 2023-Present

*B.Tech. Computer Science-AIML*

*Current GPA: 8.5*

**Lions Public School**

June 2023

*12th Standard PCM CBSE*

*Percentage: 94.4*