

AYUSH RAJ

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PROFILE SUMMARY

- B.Tech Computer Science student specializing in backend development and AI-powered systems.
- Experienced in building scalable REST APIs using Node.js and developing NLP-based applications.
- Published researcher in voice-enabled banking assistants with a strong focus on production-ready solutions and security.
- Solved 300+ Data Structures & Algorithms problems.

TECHNICAL SKILLS

Languages:	Java, Python, JavaScript (ES6+), C++
Backend:	Node.js, Express.js, REST APIs, OTP/JWT Authentication
Frontend:	React.js, HTML5, CSS3, Responsive Design
Databases:	MongoDB, PostgreSQL, MySQL
AI/ML:	NLP, TensorFlow, Scikit-learn, Generative AI Foundations
Tools/Cloud:	Git, Postman, VS Code, Basic CI/CD, Microsoft Fabric

INTERNSHIP EXPERIENCE

Web Development Intern

Blink Skills Training Institute

- Designed and developed responsive web pages and UI layouts using HTML, CSS, and JavaScript.
- Practiced debugging and browser inspection tools to optimize web project workflows.
- Completed internship training with a 92% assessment performance rating.

PROJECTS

AI DSA-Forge - EdTech Platform (LMS + AI Learning)

- Built a full-stack platform providing mentorship, masterclasses, and AI-powered assistance.
- Developed features including AI resume review, personalized learning paths, and progress tracking.
- Tech Stack:** React.js, Node.js, Express.js, MongoDB.

AI Voice Banking Assistant (NLP + Backend System)

- Developed a voice-enabled system using Speech-to-Text and Text-to-Speech for real-time banking.
- Implemented NLP command processing for intent recognition and secure OTP authentication.
- Published a research paper based on the architecture and performance of this system.

EDUCATION

Bachelor of Technology in Computer Science & Engineering (2023-2027)

Chandigarh Engineering College, Jhanjeri | CGPA: 7.0/10

Senior Secondary & Secondary Education (2020, 2022)

DAV Public School Medical Unit, Gaya, Bihar

ACHIEVEMENTS & CERTIFICATIONS

- Solved 300+ problems on LeetCode; 5-Star Python Rating on HackerRank.
- Head of the Student Ambassador Program, leading campus management initiatives.

- AWS Academy: Graduate - Generative AI Foundations.
- Microsoft Fabric: Certified in Data Science, Data Flows, and Real-time Analytics.
- Google: Machine Learning using Python; Content Creation with Google Vids.