

Ayush Kumar

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+91 9520620906, +91 7983517527 | [aryaayush0208@gmail.com](#) | Noida, IN

EDUCATION

CHANDIGARH UNIVERSITY

Bachelor of Engineering (B.E.) in
Computer Science
Jul 2024 | Mohali, Punjab, IN
CGPA: 7.85 / 10.0

ANGEL'S ACADEMY SR. SEC. SCHOOL

Intermediate
2020 | Haridwar, Uttarakhand, IN
Percentage: 75.6%

SKILLS

TECHNICAL

Programming Languages
• Java • C++ • Python • JavaScript • SQL
Frameworks and Libraries
• Spring Boot • Angular • React.js •
Node.js • Express.js • Redux • Context
API
Web Technologies
• HTML5 • CSS3 • RESTful APIs •
Microservices Architecture
Databases
• MySQL • MongoDB
Tools and Platforms
• Git • GitHub • Docker • Firebase •
Socket.IO
Core Concepts
• Data Structures and Algorithms •
Object-Oriented Programming (OOP) •
Operating Systems • Database
Management Systems (DBMS) •
Computer Networks
Familiar With
• TensorFlow • MERN Stack

INTERPERSONAL

• Teamwork • Problem Solving •
Leadership

LINKS

Portfolio:// [Ayush-Kumar](#)
LinkedIn:// [ayushkumar0208](#)
Github:// [ayushkumar0208](#)
LeetCode:// [ayushkumar0208](#)
GeeksForGeeks:// [aryaayush0208](#)

EXPERIENCE

TATA CONSULTANCY SERVICES | ASSISTANT SYSTEM ENGINEER

April 2025 - Present | Noida, Uttar Pradesh, IN

- Developing and maintaining frontend features for **Passport Seva Project (PSP V2.0)**, a large-scale government application for the Ministry of External Affairs serving nationwide passport services.
- Built interactive **dashboards** and **data visualizations** in **React.js** to track application status, operational metrics, and reports used by government officials.

WIPRO | WIPRO TALENT NEXT - JAVA FULL STACK DEVELOPMENT TRAINING

May 2023 - Sep 2023 | Mohali, Punjab, IN

- Completed comprehensive training program in **Java J2EE** and **Full Stack development**, acquiring hands-on experience with enterprise-level technologies and frameworks.
- Developed proficiency in end-to-end application development, integrating frontend and backend technologies for scalable solutions.

PROJECTS

SILLYCODER - ALGORITHM VISUALIZER | FULL STACK WEB DEVELOPER | **Source Code**

- Spearheaded the development of an innovative workspace web app for seamless **algorithm visualization**.
- Established a collaborative platform enabling team members to tackle algorithmic challenges, **enhancing efficiency by 30%**.
- Implemented MERN stack architecture (**MongoDB, Express.js, React.js, Node.js**) for scalable full-stack application development.

LIVE EXAM PROCTORING WEBSITE | FULL STACK WEB DEVELOPER | **Source Code**

- Created a live exam proctoring website utilizing pre-defined **Machine Learning models** in **TensorFlow.js**, streamlining implementation complexity.
- Integrated **React Speech Recognition, FaceMesh**, and **COCO-SSD** object detection models, reducing false positives by **40%**.
- Employed **React.js** for frontend development and **Node.js** with **Express.js** for backend functionality, backed by **MongoDB** for database management.

ACHIEVEMENTS

- Attained a perfect score of **100/100** in **Automata Fix** and **98/100** in **Automata** in the **AMCAT Coding Exam**.
- Collaborated on a research paper titled "Eco-Friendly Traffic Management System," accepted at **4 IEEE** conferences.
- Solved **1420+** Data Structures and Algorithms problems across **LeetCode (960+)** and **GeeksforGeeks (460+)**.