

Sahil Pal

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Education

Indian Institute of Information Technology, Gwalior
Bachelor's of Technology in Information Technology

Aug 2023 – June 2027
CGPA: 7.95

Jai Academy, Jhansi
Secondary and Higher Secondary Education

June 2022

Technologies

Languages: C, C++, Python, SQL, JavaScript, Dart

Frameworks and Libraries: React.js, Node.js, Express, Tailwind, Mongoose, Redux, Next.js, Three JS, WebSockets, Flutter, React Native

Databases: MongoDB, MySQL

Other Technologies: Git and Github, GraphQL, Figma, Canva, BlockChain, Web3(basic), Ethereum, Docker, Postman, REST API, Linux, NPM, Shell Scripting (Bash/Zsh), Android, Three.js, Blender

Coursework: Data Structures, Object Oriented Programming (OOPS), System Design, Design and Analysis of Algorithms, Operating System, Database Management Systems, Probability & Statistics, Linear Algebra

Projects

DevDuels – Online Coding Battle Platform

github.com/sahilforkshere/DevDuels

- Built a real-time coding battle platform where users can compete against each other in timed coding challenges. [↗](#)
- Enabled user authentication using JWT and handled user data with MongoDB.
- Developed contest creation, code editor, and test case validation using the Monaco Editor and Judge0 API.
- Implemented real-time communication between users using WebSockets via Socket.IO.
- Ensured responsive and intuitive UI with Tailwind CSS.
- Designed and maintained a scalable and modular backend using Node.js and Express.js.

Job Seeker Web App

github.com/sahilforkshere/Job-Portal [↗](#)

- Built a full-stack job portal enabling companies to post jobs and users to apply.
- Developed frontend using React and styled-components for dynamic UI.
- Implemented backend with Node.js, Express, and MongoDB.
- Integrated JWT-based authentication for secure login.

Job Auto Filler Chrome Extension

github.com/sahilforkshere/job-auto-filler [↗](#)

- Developed a Chrome extension that automates the process of filling job application forms using user profile data.
- Built with the MERN stack (MongoDB, Express, React, Node.js) and secured with JWT-based authentication.
- Implemented PDF parsing and web scraping to extract data from resumes and job portals.
- Designed a user-friendly interface with React and styled-components for seamless user experience.
- Enabled resume data storage and auto-fill mapping using MongoDB and backend APIs.

Achievements

- Scored **99** percentile in **JEE (Mains)** examination among 1.3 million candidates
- Secured an All India Rank (AIR) of **11,994** in **JEE (Advanced)** among 200,000+ candidates.
- **NTSE Stage 1 Qualified** – National Talent Search Examination, Conducted by NCERT

Responsibilities

- **Core Team Member, Design Team** – Aurora Fest, IIIT Gwalior
- **Volunteer** – URJA'25, IIIT Gwalior
- **Volunteer**- Rotract Club, IIIT Gwalior