

Ayush Tripathi

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EDUCATION

Rajiv Gandhi Institute of Petroleum Technology

Jais, UP

(An Institution of National Importance along the lines of IITs)

Bachelor of Technology in Computer Science and Engineering; CPI: 8.65*

Nov 2022 - July 2026

Central Board of Secondary Education

Intermediate, 2021: 94.2% & Matriculation, 2019: 93.6%

WORK EXPERIENCE

Titans AI

Remote (Poland)

Software Developer Freelancer

June 2024 – Present

- **SaaS Platform Development:** Engineered a fully-fledged SaaS platform with a comprehensive UI using the MERN stack. The platform integrates AI solutions, enhancing business process automation by 30% and reducing operational costs by 15%.
- **AI Chatbots:** Designed and implemented AI chatbots with natural language processing (NLP) for 5+ clients, increasing customer engagement by 25% and improving business process automation. Collaborated with data scientists and UI/UX designers to deliver projects 10% ahead of schedule. Led weekly client meetings with U.S. stakeholders, contributing to a 20% increase in client satisfaction. Provided ongoing technical support, ensuring 99.9% uptime and a seamless user experience.

Vignam Labs Pvt. Ltd.

Delhi, India

Full Stack Developer & Tech Lead (Three.js)

June 2024 – August 2024

- **Full Stack Developer:** Worked as a Full Stack Developer using React, TypeScript, Mantine UI, and MongoDB for 2 months. Developed and maintained over 8 web applications, enhanced UI/UX features, and ensured seamless API integration with Node.js.
- **Tech Lead (Three.js):** Promoted to Tech Lead for Three.js development in the third month. Led a team of 5 developers to deliver 3D modeling and rendering projects using Three.js and React Three Fiber, optimizing performance and user experience on AWS-hosted services.

PROJECTS

Price comparison website for GeM products | WON SIH-2023 | 🐙 [GitHub](#)

- **Technology Stack:** Nodejs, Expressjs, EJS (Embedded JavaScript), HTML, CSS, JavaScript, MS-Excel, BootStrap, Puppeteer Library, Flask (Python Library).
- The award-winning web app enables seamless comparison of over 2 lakh products listed on the GeM portal with leading e-marketplaces.
- Users benefit from real-time data for informed decisions and potential cost savings, backed by an impressive accuracy rate of over 90% in matching products.

Titans AI SaaS Platform | [Live Link](#)

- Developed a full-stack web application to deliver AI-driven solutions to 50+ businesses, enhancing customer support automation by 35%.
- Built a Retrieval-Augmented Generation (RAG) system, improving response accuracy by 30% and processing over 5000 user queries daily.
- Integrated scalable AI-driven voice agents that enhanced user interaction by 20% and streamlined routine tasks.
- Integrated advanced AI models to reduce operational costs by 15%, improving system scalability by 25%.
- Ensured secure authentication for 5000+ users via Firebase, enhancing data security and real-time processing.

SKILLS

Languages: C/C++, HTML5, CSS3, JavaScript, Typescript, Python

Tools/Framework: Reactjs, Nodejs, Expressjs, Threejs, React-Fiber, MongoDB, Git/Github, Nextjs, BootStrap, Mantine UI, Tailwindcss, Jquery

Areas of Interest: Full Stack Web Development, Data Structures and Algorithms, Linux, WEB3, REST APIs.

ACHIEVEMENTS/CERTIFICATIONS

WINNER of the Smart India Hackathon 2023 | *Price Comparison Website for GeM products* | 🐙 [GitHub](#)

IBM Front-End Developer Professional Certificate | [Certificate](#)

OTHER ACTIVITIES

Technical Secretary: Leading technical initiatives and projects at OWASP RGIPT Student Chapter, managing a team of 5 members and overseeing technical development and execution.

Technical Team Head: Heading the technical teams for both the Science & Technology (S&T) division of RGIPT and Urjotsav (Annual Techfest of RGIPT), coordinating and executing key technical aspects for both events.

Campus Ambassador: Completed 4-week Campus Ambassador internship at Zeitgeist IIT Ropar.