

ARYAN BARSAYAN

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EDUCATION

Madan Mohan Malaviya University Of Technology
B.Tech in Computer Science and Engineering: CGPA-8.39/10

Dec. 2020 - June 2024

Gorakhpur, Uttar Pradesh

EXPERIENCE

Recruit CRM

Feb 2024 – Present

Nov 2024 – Present

Sr. Associate Software Engineer

- Engineered a scalable **AI-powered Interview Platform** featuring real-time behavioral, coding, and follow-up rounds with dynamic scoring based on accuracy, efficiency, and communication metrics; automated **5,000+ candidate interviews** for TSE 2025 hiring, reducing manual screening time by **90%+** and accelerating hiring decisions.
- Developed a secure **JWT authentication system** for API endpoints, managing user sessions and ensuring seamless access control.
- Integrated **Stripe payments and billing system** with custom subscription cycles and webhook-based real-time event handling (e.g., billing, upgrades, disputes), leading to **100% reliable payment processing** without third-party dependencies.
- Designed and implemented an AI-powered website search from scratch using Amazon Bedrock, enabling customers to query seamlessly and increasing demo requests by 80%.
- Implemented advanced search functionality using **Elasticsearch** and automated a daily data ingestion pipeline with **AWS Lambda**, reducing manual updates to zero and improving search data freshness, leading to faster and more accurate query results.
- Created a **CI/CD pipeline** with **Jenkins, Docker, and ECS** for automated autoscaling deployments. Configured **AWS Load Balancer** with domain-based routing, ensuring **100% uptime** through resilient DevOps and proactive monitoring.

Software Engineer Trainee

Jun 2024 – Nov 2024

- Developed a **Node.js microservice** to optimise **CloudFront** cache performance by automating global cache warm-up and enabling instant warming of custom URLs, reducing page load times by up to 40% and improving Core Web Vitals to meet Google performance thresholds; integrated with Slack for real-time notifications and insights.
- Developed a **Web Vitals Monitoring Application** to track Core Web Vitals of real-time website users, delivering data-driven insights that enabled targeted optimisations, improving page performance scores by 25% and enhancing overall user experience.

Precise Leads

June 2023 – Dec 2023

Software Engineer Intern: Certificate

Remote - Work

- Built a waterfall-model **data enrichment pipeline** with automated validation, increasing valid contact coverage for cold outreach by **60%+** and improving domain quality to boost email deliverability.
- Developed a fully automated **web scraping and outreach system** using **Pinecone, Apollo.io, and GPT**, achieving **100% automation** of lead targeting and responses, boosting conversion rates.

PROJECTS

MORTOBUY E-commerce Platform  [Live](#) | [Code](#) | [React.js](#), [Node.js](#), [Express.js](#), [MongoDB](#)

January 2023

- Developed an E-commerce platform using the MERN stack and Redux.
- Created an admin application for efficient content management.
- Integrated PayPal as a payment gateway through which users can pay by Card, UPI, Net Banking, etc.

Treasure-Hunt  [Live](#) | [Code](#) | [React.js](#), [Node.js](#), [Express.js](#), [MongoDB](#), [JavaScript](#)

April 2023

- Developed and deployed a tested MERN treasure hunt app to assess soft skills, with a user-friendly UI and seamless networking.
- Implemented real-time progress tracking on parameters like time and accuracy, providing valuable feedback to users.

TECHNICAL SKILLS

Languages: JavaScript, C, C++, Python, Java.

Front-end Technologies: HTML, CSS, Tailwind CSS, Bootstrap, React.js, Next.js.

Back-end Technologies: Node.js, Express.js, Laravel, SpringBoot.

Databases: SQL, MongoDB, MySQL, Elastic Search.

Other Tools/Technologies: Linux, VS Code, Git, GitHub, Docker, Postman, AWS, GCP, Cursor AI.

Interests: Competitive Programming, Web Developer, Software Developer, Frontend, Backend, Full-stack.

Soft Skills: Leadership, Problem-Solving, Event Management, Public Speaking, Time Management, Communication.

RELEVANT COURSEWORK

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|----------------------------------|---------------------|--------------------|-------------------------------------|--------------------------------------|
| • Data Structures And Algorithms | • Computer Networks | • Operating System | • Database Management System (DBMS) | • Object-Oriented Programming (OOPS) |
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ACHIEVEMENTS

- Leetcode Max Rating:** 2,228(Guardian) [Leetcode Profile]
- CodeForces Max Rating:** 1610 (Expert) [CodeForces Profile]
- CodeChef Max Rating:** 1969 (4-star)[CodeChef Profile]
- GeeksForGeeks Job-a-thon 11:** Score 175/175, Rank 29 out of 10284 [Details]
- Rank 62** in Codechef (Starters 95 Division 2 (Rated))
- Tcs Codevita Season XI:** Global Rank 51 [Certificate]