

GAURAV KUMAR

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OBJECTIVE

Computer Science graduate with a solid foundation in programming, data structures, algorithms, and design patterns, experienced in coding, problem-solving, design, and development, with hands-on experience in modern technologies and cloud solutions, seeking an entry-level role to contribute technical expertise and a continuous learning mindset.

EDUCATION

Bachelor of Technology, Lovely Professional University, Punjab.

July, 2019 - June, 2023

Intermediate, Holy Cross School (CBSE).

June, 2016 - March, 2018


High School, Adwaita Mission High School (CBSE).


Completed May 2016

SKILLS & TECHNOLOGY

- **Programming Languages:** C++, Java, JavaScript.
- **Data Structures & Algorithms:** 400+ LeetCode questions solved.
- **Core Subjects:** OOPS, SDLC, Computer Networks, Operating System, DBMS.
- **Cloud & Development Tools:** AWS, Terraform, Docker, Git/GitHub, Linux.
- **Web Technologies:** React.js, Node.js, Express.js, PostgreSQL, Bootstrap.
- **Soft Skills:** Critical Thinking, Leadership, Teamwork, Work Ethics.
- **Languages Spoken:** Hindi, English.

PROJECTS

 **Portfolio Website:** Designed and developed a website using React.js and hosted on vercel.com. It's a multi-page website and well structured for maintainability and future updates.

 **Elastic and scalable server on AWS:** Developed an AWS server with elastic scalability using Terraform and Git, optimizing performance under variable traffic loads through ELB (Elastic Load Balancer) and ASG (Auto Scaling Group) with real-time monitoring through CloudWatch and notifications via SNS.

Day Organiser: Built a task management website to enhance productivity, using HTML, CSS, JavaScript, Bootstrap, React.js, Node.js, MongoDB. Achieved 500+ users with 100+ sign-ins, with server-side feed storage for user task tracking.

Analysis on Trending YouTube Video: Designed and developed a database using Oracle 10g to operate on data & data collection from Kaggle. Added features for vloggers to analyze trending video categories and views.

TRAINING & ACHIEVEMENTS

- Ranked 1st among 1,000 participants in the Great India Hackathon 2022, sponsored by Microsoft.
- Training and Certification in DevOps under EPAM.
- 400+ DSA questions solved on LeetCode.

POSITION OF RESPONSIBILITIES

- Led and coordinated 25+ representatives for ONE INDIA, a college festival celebrating cultural diversity.
- Volunteered at 15+ college functions and programs.
- House Captain (winner) and Volleyball (winner) Team Captain in school.