Anurag Kumar

Jabalpur, India | +91 8085048267 | kumar.anurag.connect@gmail.com | LinkedIn | Github

EDUCATION

B.Tech (Bachelor of Technology) Computer Science   Aug 2023 - Aug 2027
VIT-Bhopal University   *GPA: 8.58/10*

CORE TECHNICAL SKILLS

- **Languages**: Java, Python, JavaScript (ES6+)
- **Web Development**: Node.js, React.js, HTML5, CSS3, Bootstrap
- **Databases**: MySQL, MongoDB
- **Core Concepts**: Data Structures & Algorithms, OOP, API Development
- **Tools & Practices**: Git/GitHub, Unit Testing, Debugging & Troubleshooting

PROJECTS

Medicare - Link

- Developed a full-stack platform that cut patient wait times to under 1 hour using AI-driven appointment scheduling.
- Implemented multi-factor authentication, achieving a 100% security score in penetration testing.
- Built a slot booking system, doctor tools for appointment confirmation, e-prescriptions, and patient management.
- Configured and maintained MongoDB replica sets, improving database uptime to 99.99% and ensuring high availability for critical appointment booking system,

Electricity Bill- Management System - Link

- Developed a Java-based billing system using OOP principles with user & admin functionalities.
- Implemented CRUD operations via JDBC (MySQL) reducing query time by ~25%, and integrated with MongoDB for data handling.
- Optimized database queries, indexing, and transaction handling to handle a growing number of users efficiently.
- Features include bill calculation, generation, and online payment integration using Paytm.
- Supports complaint management, account services, and transaction history tracking.

MERN E-commerce Application - Link

- Designed a full-stack e-commerce platform supporting 200+ products with catalog, cart, and checkout.
- Integrated JWT login, payment gateway, and Admin Dashboard for product/user management.
- Integrated payment gateway for seamless online transactions, ensuring reliability, security, and smooth checkout experience.
- Built front-end with React and back-end APIs with Node.js/Express and Java, leveraging MongoDB for efficient data storage, robust CRUD operations, and responsive UI/UX across web and admin interfaces.

EXTRA-CURRICULAR AND ACHIEVEMENTS

Hackathon and Coding -
- University-Level Hackathons.
- Solved- 150+ Problems (GFG), 130+ Problems (Leetcode), 5 Star – Gold (Hackerrank).

Volunteer and Social Work -
- Core Team Member, NSS (National Service Scheme) – Organized social initiatives like tree plantation, blood donation, and outreach programs.
- Core Team Member, CGCT (Clean Green Campus Team), VIT Bhopal – Supported sustainability, cleanliness, and student welfare initiatives.

CERTIFICATIONS

- **Data Engineering-** Informatica
- **The Bits and Bytes of Computer Networking-** Google
- **Generative AI-** Google Cloud