




ROHAN SHARMA

Software Engineer

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Education

Jaypee University of Engineering and Technology

July, 2016 – May, 2020

Bachelor of Technology in Computer Science and Engineering

Guna, MP

Technical Skills

Programming Languages: Java (8/17)

Frameworks and Libraries: Spring-Boot, Spring Security/JWT, JPA, Active MQ, RESTful API, Git/GitHub

Databases: MySQL, MongoDB, Redis

Familiar with: PHP, C/C++, React.js, HTML, CSS, JavaScript, Bootstrap, Microservices

Experience

BNG Advanced Mobile Solutions

Nov, 2021 – Present

Software Engineer

Gurugram, Haryana

• Call Signature

- * Designed robust backend systems for managing user groups, ensuring seamless creation and assignment of business cards and status. Achieved efficient and error-free data handling.
- * Developed and deployed a high-efficiency CSV data ingestion system with stringent data length and content validations, leveraging optimized algorithms and multithreading techniques, resulting in a **30%** boost in data processing efficiency.

• AI Friend

- * Took charge of implementing a scalable backend infrastructure for a cross-platform application, optimizing user authentication, enabling multilingual UI rendering, and ensuring seamless content delivery.
- * Directed a streamlined process for generating and storing original, thumbnails, and blurred versions of user-generated images on AWS or local systems as per specifications.
- * Devised and deployed a robust image access mechanism utilizing authenticated URLs, slashing unauthorized access incidents by **80%** and enforcing strict access control for verified users.

• Customer Value Management System

- * Developed a highly customizable user management system for enterprise applications, halving the time required for user account setup and reducing administrative overhead by **40%**.
- * Engineered role-based access control (RBAC) mechanisms to secure and maintain the confidentiality of application features, ensuring authorized access.
- * Architected a scalable system design to store data for USSD, IVR, and SMS promotions enhanced operational efficiency, and improved maintainability for **10+** clients.
- Engineered a high-performance zero balance platform to streamline call balance loan processing, markedly enhancing system performance and scalability.
- Mentored and guided junior team members, bolstering their professional growth and cultivating a collaborative team environment.

Technologies: Java, Spring-Boot, RESTful API, Spring Security/JWT, JPA, MongoDB, MySQL

BNG Advanced Mobile Solutions

May, 2021 – Nov, 2021

Software Engineer - Trainee

Gurugram, Haryana

- Led a cross-functional team to develop an internal portal for real-time blacklisting and whitelisting management, achieving a **40%** reduction in fraudulent activities and enhancing customer trust.
- Designed intuitive and user-centric web flows for diverse services, resulting in a **15%** increase in overall user engagement and satisfaction.
- Spearheaded the development of a campaign recommendation platform, significantly improving campaign performance by **25%** through effective prioritization strategies.

Technologies: MySQL, HTML, CSS, Javascript, Bootstrap and PHP

Leadership / Extracurricular

- Actively contributed to the Jaypee Youth Club, coordinating diverse events at the university and earning a **Letter of Appreciation** from the **Vice Chancellor**.
- Achieved victory in the Inter-Year Football League Championship.