

Riya Saxena

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Summary

Innovative and results-driven Software Engineer specializing in **Python, Android Development, and Backend Engineering**. Adept at architecting scalable, high-performance applications using **Java, Kotlin, React.js, Node.js, and MongoDB**. Passionate about leveraging cutting-edge technologies to solve complex challenges and deliver transformative digital experiences.

Technical Skills

- **Languages:** Python, Java, Kotlin, JavaScript, HTML, CSS
- **Mobile:** Android (Java, Kotlin, XML, Android Studio, Retrofit, Coroutines)
- **Web:** React.js (Basic), Node.js, Express.js
- **Database:** MongoDB
- **Tools:** Git, GitHub, Postman
- **Concepts:** DSA, OOP, API Integration

Work History

Software Developer | BN Technology

Ghaziabad,Uttar Pradesh | February 2024 - February 2025

- Engineered high-performance, scalable Android applications using **Java, Kotlin, and Android Studio**, delivering innovative features and robust bug resolutions.
- Architected and integrated advanced **RESTful APIs with Retrofit** to streamline app efficiency and ensure reliable backend communication.
- Developed and maintained dynamic backend services with **Node.js, Express.js, and MongoDB**, contributing over 100 meticulously documented APIs.
- Revitalized UI/UX by applying modern design principles using **React.js and CSS**, crafting responsive and engaging web interfaces.
- Effectively communicated project milestones in weekly strategy meetings, ensuring transparency and agile collaboration.
- Exhibited rapid adaptability by assimilating emerging technologies and methodologies to consistently exceed project objectives.

Education

- **Shri Ram Murti Smarak College of Engineering & Technology** – B.Tech in Computer Science (2020 - 2024) | 73%
- **Police Modern School** – Intermediate & High School (2019, 2017) | 75% & 95%

Projects

BN Technology Projects

- **Packer's App - Warehouse Management System:** Developed an innovative app empowering warehouse packers to submit order details, generate QR-coded labels, and auto-assign orders to drivers upon scanning. Built the backend with **Node.js, Express.js, and MongoDB** and crafted the Android interface using **Java, XML, and Retrofit**.
- **Food Delivery App - Chef Order Management System:** Designed a mobile solution for chefs to manage orders by updating statuses (Preparing, Prepared, Completed) and triggering automated email notifications. Implemented secure, efficient backend services with **Node.js, Express.js, and MongoDB**.
- **Food Delivery App - Customer Interface:** Developed an intuitive Android app for food ordering using **Kotlin, XML, and Retrofit**, integrating real-time API updates to streamline order processing.

Certifications

- **Web Development Training** – TCS Ion
- **Web Development Internship Certificate** – Bharat Intern

Achievements

- Awarded a **₹20,000 academic scholarship** for excellence in Computer Science over three consecutive years.
- Delivered multiple real-world projects showcasing technical expertise and innovative problem-solving.
- Contributed to **open-source projects**, implementing industry best practices.

Hobbies & Interests

Painting, traveling, and sports – activities that foster creativity, adaptability, and teamwork.