

NIKHIL SINGH BARIHA

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EDUCATION

Indian Institute of Information Technology (IIIT) Naya Raipur
Naya Raipur, Chhattisgarh

Bachelor of Technology: Electronics and Communication Engineering |2025

Relevant Coursework: Digital Electronics, Embedded Systems, Signal Processing, Communication Systems, Computer Networks, Microprocessors, Circuit Design, Control Systems

PROFESSIONAL SUMMARY

Versatile Full Stack Developer with a specialized focus on building scalable, cloud-native applications on **Google Cloud Platform (GCP)**. Expertise spans the entire software development lifecycle, blending **[React/Angular/Vue]** frontend development with robust serverless backends and data engineering. Proven track record in open-source contributions, designing secure API architectures, and implementing **CI/CD pipelines** for automated deployment. Passionate about delivering end-to-end solutions that optimize user experience while maintaining enterprise-grade security and reliability.

TECHNICAL SKILLS

Programming Languages: Java, JavaScript, Python, C++, SQL

Backend Technologies: Node.js, ExpressJS, RESTful APIs, JWT Authentication, API Design

Databases: MongoDB, MySQL, SQLite, Database Design, Query Optimization

Web Technologies: HTML5, CSS3, JavaScript, AJAX, JSON, Responsive Design

Developer Tools: Android Studio, Visual Studio Code, Git, GitHub, Postman, MongoDB CompassCS

Fundamentals: Data Structures and Algorithms, Object-Oriented Programming, Database Management Systems

VIRTUAL INTERSHIPS CERTIFICATIONS

- JPMorganChase Software Engineering Completion Certificate
- AWS Solutions Architecture Completion Certificate
- Vista Equity Partners AI in Action Completion Certificate
- British Airways Data Science Completion Certificate

PROJECTS

Academic Projects:

- Smart Library Management System
- Brain Tumor detection using deep learning and human brain medical imaging
- Design Innovations for Superior Sensing Margin in 1T DRAM Memory

HOBBIES AND INTERESTS

- **New Tech:** Trying out New Ai models and other Technologies
- **Gaming:** Very passionate about games since childhood
- **Hardware Modding:** Troubleshooting and upgrading modern gaming PC to enhance thermal performance and consistent fps.

LANGUAGES

- English (Fluent)
- Hindi (Native)

LinkDin and Google Skills badges

- LinkedIn [https - https://www.linkedin.com/in/nikhil-singh-bariha-6092a022a/](https://www.linkedin.com/in/nikhil-singh-bariha-6092a022a/)
- Google Skills - https://www.skills.google/public_profiles/b8e56d16-9853-494a-bc07-7a46c1d4e3eb