Ayush Raj

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Summary

Fresh-minded Software Developer motivated about turning ideas into functional, user-friendly applications. Skilled in Java, Android, and backend development, with a strong curiosity for solving real-world problems through clean, efficient code. Eager to bring energy, adaptability, and innovative thinking to every project.

Education

B.Tech in Computer Science & Engineering : Gandhi Engineering College, Bhubaneswar — 2022 – Present
CGPA: 8.5 (Till Date)

Senior Secondary : Ishan International Public School, Patna — 2021
Result:- 73%

Experience

Software Developer Intern – Debadarsan Consulting Pvt. Ltd. — *May 2025 – July 2025*
- Engineered an AI-driven Resume Analyzer leveraging the Gemini model, incorporating PDF parsing, NLP-based scoring, MongoDB integration, and a FastAPI backend, accelerating resume processing speeds by **30%**.
- Built a role-based e-learning system with admin and student dashboards, implementing CRM-style progress tracking where chapter access is dynamically unlocked based on completion status.

Android Developer Intern – LetsGrowMore — *Jun 2024 – Jul 2024*
- Developed a Corona Tracker App with REST API integration using Retrofit and RecyclerView for real-time COVID-19 updates.
- Built a Face Recognition App using Firebase ML Kit for emotion and attribute detection.

Open-Source Contributor – GirlScript Summer of Code — *Oct 2024 – Nov 2024*
- Contributed to multiple open-source projects by adding features, fixing bugs, and integrating RESTful APIs.
- Improved UI/UX and optimized code for **15%** faster rendering.

Projects

Spring Boot Project Generator – CLI Tool — **Npm**
- Developed and published an npm CLI tool with **150+** downloads, used to generate Spring Boot 3 applications featuring Java 17/21, Maven/Gradle support, and clean architecture templates

AI-Powered Email Replier – Web App — **Github**
- Developed a web application using Spring Boot and Google Gemini API that generates AI-based email replies. Users can input an email message and select a desired tone (formal, friendly, etc.), and the system produces a context-aware response using Gemini's generative AI model.

Storm App – Real-Time Weather Android App — **Github**
- Developed a real-time weather application using Android,Retrofit, and OpenWeather API, integrating location-based forecasts and Lottie animations. Implemented API consumption, data parsing, and asynchronous network calls, delivering a responsive, user-friendly experience

Resume Analyzer – AI Powered Web App — **Website**
- Built a scalable web application using FastAPI, MongoDB, and RESTful APIs to process and evaluate resumes with dynamic AI prompts, leveraging JSON parsing, data modeling, and modular backend architecture for efficiency

Technical Skills

Languages: Java, Kotlin, Python
Web Technologies: RESTful APIs, HTTP, JSON, HTML5, CSS, XML
Frameworks & Libraries: Spring Boot, Sonar, React.js, FastAPI
Databases : MongoDB, Firebase, Redis
Tools & Operating System: Git, GitHub, Android Studio, VS Code, Postman, Windows 10/11
Core Concepts: Data Structures & Algorithms, OOPS

Achievements

- **3rd Place, BPUT Hackathon 2024** — Engineered AI-driven solution in Python for BPUT Hackathon 2024, earning 3rd place; outperformed 47 other teams by achieving the most accurate result in the shortest time, according to the judges.
- **Winner, Toastmasters International Speech Contest 2024** — Demonstrated strong technical and professional communication skills, including presenting complex ideas clearly to diverse audiences.