SAKET RATHI

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EDUCATION

Shri Ramdeobaba College of Engineering and Management (RCOEM), Nagpur   **Present**
B.Tech Computer Science and Engineering   *CGPA: 8.97*

Brijlal Biyani Science College, Amravati   **2020–2022**
Higher Secondary Education   *HSC: 78.00% — CET: 97.77 percentile*

EXPERIENCE

WEDOGOOD   **March 2025 – July 2025**
Software Developer Intern (Next.js, React.js, SQL, Supabase, AWS)   *Remote*

- Led development of a **full-stack platform for a non-profit** using Next.js; launched responsive User and Admin dashboards, **boosting engagement by 25%**.
- Engineered **secure Supabase-powered backend APIs**, integrating financial reporting forms and team features; **reduced data fetch latency by 20%** and boosted response times.
- Developed **15+ reusable cross-device UI components** with TypeScript and Shadcn UI, **reducing user-reported bugs by 30%** and **increasing satisfaction by 20%**.
- Conducted **user testing sessions** and implemented insights to improve navigation UX; **reduced bounce rate by 25%**.

PROJECTS

ICAI Subcommittee Projects   **May 2025 – July 2025**

- **[DAAB Website](#)** *(Next.js, Prisma ORM, Supabase, NodeMailer, Mailgen, HDFC Payment)*
  - Architected a full-stack event registration platform for the Digital Assurance and Authority Board of ICAI.
  - Integrated **admin dashboards**, **HDFC payment gateway**, and **transaction logs**.
  - Used by **hundreds of users per month**.
  - Over 40+ days, handled **800+ registrations** with payments and automated success/failure emails.
  - Averaged **20 successful transactions/day**.
- **BOS(A) Course Registration** *(Next.js, Prisma ORM, Supabase, NodeMailer, Mailgen, Redis)*
  - Developed a secure course registration platform for the Board of Studies (Academics), supporting **1000+ students**.
  - Incorporated **OTP verification** using Redis and automated confirmation/failure notifications via NodeMailer and Mailgen.
  - Enabled efficient data storage and admin operations through Supabase and a full-featured admin dashboard.
  - Handled **300+ unique submissions** in the first 10 days, with ongoing registrations monitored via the admin panel.

AppVantage *(Next.js, TypeScript, PostgreSQL, Drizzle ORM, OpenAI)*   **Jan 2025 – Apr 2025**

- Developed an **AI-powered app discovery and recommendation platform** to simplify navigation of the Google Play Store.
- Designed an intelligent **R-Index scoring engine** using ratings, retention, review sentiment, and download trends to power hybrid recommendations.
- Engineered a **Retrieval-Augmented Generation (RAG) pipeline** with specialized OpenAI agents to deliver context-aware app comparisons and insights.
- Crafted responsive UI using **Next.js, Shadcn UI**; ensured cross-device performance for users.

InsightInvest *(Next.js, Flask, PostgreSQL, LSTM, OpenAI API)*   **July 2024 – Dec 2024**

- Created a **sentiment-aware stock prediction platform** combining BiLSTM and transformer-based NLP models; achieved **89.13% prediction accuracy**.
- Introduced **Emotional Quotient (EQ)**, a novel metric derived from financial news sentiment to quantify investor psychology.
- Implemented Flask APIs and integrated OpenAI LLMs to deliver **interpretable investment insights** via a conversational chatbot.
- Visualized prediction performance across 19 NSE stocks; **Reliance: 97.6%**, **TCS: 96.8%**, validated via RMSE and MAPE.

TECHNICAL SKILLS

Languages: HTML, Java, JavaScript, TypeScript, Python, SQL
Libraries/Frameworks: React.js, Next.js, Node.js, Express.js, PyTest
Databases: Supabase, MongoDB, PostgreSQL
Tools & Platforms: Prisma ORM, Postman API, REST API, Sanity, GitHub, Power BI, Figma
Concepts: CN, DBMS, DSA, OS, OOPs

CERTIFICATIONS

- **Introduction to Software Engineering - IBM**
- **Python for Data Science, AI and Development – Coursera**

POSITIONS OF RESPONSIBILITY

Technical Team Lead – *GeeksforGeeks Student Chapter RBU*   **Sept 2024 – Present**
Mentored 20+ student developers and supervised 8+ project builds using TypeScript and Next.js in technical workshops.

Systems & Design Head – *CSE Student Society*   **Sept 2024 – Present**
Directed the UI/UX and tech strategy for events and web portals; enhanced visibility and engagement through improved system design.