

# ROHITH KUMAR S

Software Engineer | Web Developer ✉ rohk29@gmail.com | 📞 9739544939 | 📍  
Karnataka, India 🌐 [GitHub](#) | 📄 [LinkedIn](#)

---

## Summary of Professional Experience

I build applications that are user-oriented, scalable, and efficient to use. Have a strong interest in interactive application builds, database-related performance optimization, and web development with the MERN stack. I like to build things, improve existing features, and create smooth user interactions. I have solid debugging skills concerning of the core languages, can refine the UI/UX, and know how to optimize the database queries to eliminate complexity, developing simple usable solutions.

---

## Technical Skills

- **Programming Languages:** Python, Java, C, C++
  - **Web Development:** PostCSS, Tailwind CSS, Express.js, Node.js, React.js
  - **Database:** PostgreSQL, MongoDB
  - **IDEs & Tools:** Dotenv, Visual Studio Code, GitHub, git
- 

## Education

🎓 **Bachelor of Engineering** – J.S.S. Academy of Technical Education, Bangalore  
*December 2022 – Present*

🎓 **12th Grade (PUC)** – MES PU College of Arts, Commerce, and Science  
*Completed in August 2022*

---

## Projects

📁 **BGBT**(September 2024 – December 2024)

**Stack:** PostgreSQL, Express.js, Node.js, Embedded.js

- Designed, developed, and hosted a scalable e-commerce website with backend routes with average volume handling of over 500 transactions daily.
- Combined role-based access control and secure authentication, reducing illegal access attempts by 40%.

- Improved product search through effective indexing, resulting in a 35% increase in search speed.
  - Achieved a 20% lower bounce rate through a redesigned, smooth user interface.
- 

### **Expense-Tracker web application** *(February 2025 – March 2025)*

**Stack:** Node.js, React.js, Express.js, MongoDB (MERN)

- Engineered, and crafted a financial tracker system, that can be used to keep track of incomes and expenses over a period of time.
  - Added Excel export capabilities, reducing manual data processing time by 40%.
  - Built an analytics-powered dashboard that enhanced user to visualize where all his earnings have been consumed.
- 

### **ChatMehh** *(March 2025 – April 2025)*

**Stack:** Node.js, React.js, Express.js, MongoDB (MERN)

- Created a real-time messaging system using OAuth and JWT authentication.
  - Integrated WebSockets for instant live chat, reducing message lag by 80%.
  - Built a responsive user interface using Tailwind CSS for a seamless device experience.
  - Enhanced database queries to speed up message retrieval, improving performance by 40%.
- 

## **Certifications**

### **MongoDB University – MongoDB Basics** *(February 2024)*

- Acquired expertise in indexing, aggregation pipelines, schema design, and CRUD operations.

### **Coursera – Project Management Foundations** *(November 2024)*

- Gained proficiency in risk assessment, agile approaches, and project lifecycle execution.