**Siddharth Krishna S**

9043383551 | siddharthkrishna14@gmail.com | linkedin.com/in/siddharth-krishna | github.com/Sid141004 | Bengaluru, India



# CAREER SUMMARY

A Highly motivated and results-oriented Full-Stack Developer with hands-on experience in agile product development and AI-integrated systems. Proven ability to contribute to impactful software projects, demonstrated by contributions to Siemens Healthineers and Bosch. Expertise in MERN stack development, AI tools, and database management. Strong foundation in software architecture, communication protocols, and a track record of leadership in technical teams.

# TECHNICAL SKILLS

* **Full-Stack Web development**: MERN stack, REST APIs, dynamic UI design, frontend tooling.
* **Programming Skills**: Python, JavaScript, Java, C, SQL, HTML/CSS, React, Node.js. , Angular, C#.
* **Mobile Development:** React Native, Firebase, MongoDB Atlas.
* **Big-Data Management**: Proficient in data modeling techniques, including relational, semistructured (JSON), and array models, with experience in tools like Apache Hadoop.
* **AI & Prompt Engineering**: Google Gemini, Token-efficient APIs, context-aware interaction design.
* **System Design & Integration**: Microservices, OAuth, JWT, API architecture, backend modeling.
* **Database Management**: Expertise in SQL databases, including MySQL, PLSQL, with strong knowledge of transactions and optimization techniques.

# PROJECTS (SELECTED)

**LeetBuddy – AI Mentor for LeetCode**

*Dev tool/Extension | 2025*

* Built a context-aware AI assistant as a Chrome extension that integrates directly with LeetCode’s interface.
* Integrated Gemini 2.5 Pro via Google AI Studio with a custom prompt engine and scoped per-problem memory.
* Used DOM parsing to auto-detect problem data and cache user interaction history for contextual responses.
* Designed a draggable/resizable UI with smooth animations, interactive UX, and responsive chat.
* Engineered prompt flows that mimic mentorship — requesting user intent before guiding toward full solutions.

**LeaseLink – Full Stack Property Rental Platform**

*Full Stack Development | 2025*

* Developed a React frontend with user authentication and role-based access for Tenants and Landlords.
* Used Node.js, Express, and MongoDB for backend logic including property listing, search, and CRUD ops.
* Integrated Multer for image uploads, secure routes, and simulated property purchase flows.

**Stonks – React Native Financial Literacy App**  
*App development | 2025*

* Developed a stock learning app with simulated trading, XP streaks, and quizzes designed for beginners.
* Worked with React Native frontend, Firebase backend, and debugging onboarding and quiz logic.
* Added dynamic graphs using Chart.js and technical indicators like RSI and moving averages.

# WORK HISTORY

**Software Engineering Intern  
*Bosch Global Software Technologies | May 2025 – July 2025***

* Contributed to the internal Bosch Conference App within a Scrum team, adhering to Agile methodologies.
* Migrated Angular components to React, improving code maintainability and performance.
* Implemented authentication flows using industry-standard protocols, enhancing application security.
* Delivered hotfix patches to address critical issues, ensuring application stability.
* Developed and maintained builds and patches for a C# .NET/WPF application, leveraging architectural patterns such as MVVM.
* Gained practical experience with MQTT, HTTP, and REST-based communication protocols.

**Intern – Advanced Therapies Division**

**Siemens Healthineers** ***| May 2024 – Jul 2024***

* Learned the fundamentals of medical device architecture and the software development lifecycle within complex medical systems.
* Contributed to testing protocols, ensuring compliance with software validation workflows in a regulated healthcare environment.
* Assisted in the development of testing procedures to validate software functionality and identify potential issues.
* Participated in cross-functional team meetings to understand system requirements and contribute to solution design.

# EDUCATION

## B.Tech in Computer and Communication Engineering

## Manipal Institute of Technology, Manipal | 2022 – 2026

## Notable Coursework: Operating Systems (A+), Design and Analysis of Algorithms (A), Data Structures (A), Full Stack Web Dev (A), Mobile App Dev (A)

## 

**DAV Boys Senior Secondary School, Chennai**

**CBSE | class 12 : 2022 - 95.6% | class 10 : 2020 - 92%**

# LANGUAGES

## English, Tamil, Malayalam, Hindi