

# PRAKASH NAGARAL

Software Engineer | Full-Stack Developer

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## SUMMARY

### Aspiring Software Engineer

An initiative-taking and adaptable software engineer with a solid foundation in full-stack development and data structures. My academic and practical experiences have honed my skills in managing technical projects and significantly enhancing system performance.

## PROJECTS

Project	Technology	Timeline
<b>Dr Buddy</b> <i>FastAPI, Groq/OpenAI</i>		Present
DrBuddy is an AI-powered multilingual health assistant that provides 24/7 medical guidance, symptom checking, and vaccination tracking in 5 Indian languages, specifically designed for underserved rural communities.		
<b>GitHub Profile Scraper</b> <i>Python, Flask</i>		04/2025 – 6/2025
Developed a web scraper to extract public data from GitHub profiles, providing structured data in JSON format. Developed with NLP for sentiment analysis. Built analytics to identify top programming languages and most-starred projects. Built-in export feature to CSV.		
<b>SkyConnect</b> <i>WebRTC, Node.js, AWS, React</i>		09/2025 – Present
A cloud-based video conferencing platform is a scalable web application that enables real-time audio/video communication, screen sharing, and collaboration features through WebRTC technology, supporting multiple participants across devices with features like chat, recording, and virtual backgrounds.		
<b>AI Powered Resume Builder</b> <i>MERN Stack</i>		07/2025 – 10/2025
Implemented a feature that suggests relevant skills based on job descriptions, improving resume relevance. Developed a keyword optimization feature that increased the average resume's ATS score by 15%. Designed a user-friendly interface, resulting in a 10% increase in user retention.		

## STRENGTHS

### Technical Project Management

Successfully managed multiple academic software projects, meeting deadlines and delivering high-quality results.

### Multilingual Communication

Proficient in English, Kannada, and Hindi, improving collaboration within diverse teams.

## SKILLS

- Java, Python
- Full-Stack Development
- Data Structures and Algorithms
- Machine Learning
- Database Management
- Version Control (Git)
- Cloud Computing (AWS)

## CERTIFICATION

### Full-Stack Web Development

*Certified by GeeksForGeeks, 2025*

### Java Programming and Software Engineering Fundamentals

*Completed via Udemy, 2025*

### AWS Certified Cloud Practitioner

*Certified by AWS, 2024*

# ACHIEVEMENTS

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- Joined as **Google Student Ambassador**, representing and promoting Google's developer initiatives on campus.
- Joined a startup called **CYBERRANT** as a **Full-Stack Developer**, contributing to product development and backend optimization.
- Contributed to OpenSource in **Hacktoberfest**, and got selected as a **SuperContributer**

# EDUCATION

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## Bachelor of Engineering in Computer Science

*Angadi Institute of Technology & Management*

**2022–2026**

Belagavi, Karnataka

**2020–2022**

Vijayapura, Karnataka

## Pre-University Course

*A.K. Sirasagi PU College*

# LANGUAGES

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**English**

Proficient

**Kannada**

Native

**Hindi**

Intermediate

# INTERESTS

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## Coding Challenges

Enjoy participating in online coding platforms and competitions.

## Fitness

Maintain health through regular workouts and yoga.