Pranava S

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SUMMARY

Enthusiastic full-stack developer with hands-on experience in developing responsive, secure, and scalable web applications using the MERN stack. Skilled in database design, RESTful API development, version control, core computer science concepts, and agile methodologies. Having a great deal of experience working in cross-functional teams with a focus on solving real-world problems through efficient full-stack solutions.

EDUCATION

- **Sahyadri College of Engineering and Management, Mangaluru** — *2022-2026*
  Bachelor of Engineering in Computer Science — CGPA/Percentage: 9.42

- **Vivekananda Pre-University College, Puttur** — *2021-2022*
  Department of Pre-University Education, Government of Karnataka — CGPA/Percentage: 97%

- **Vivekananda English Medium High School, Puttur** — *2018-2020*
  Karnataka Secondary Education Examination Board — CGPA/Percentage: 98%

PERSONAL PROJECTS

- **SwapSkill: Collaborative Platform for Skill-Sharing and Real-World Projects** — *Jan 2025*
  MongoDB | Express.js | React.js | Node.js | TailwindCSS | JWT Authentication ⌂

  – Architected a full-stack web app connecting peers for skill exchange, and fostering hands-on skill development.
  – Launched an industry-backed sponsorship module, increasing project participation and engagement by 50%.
  – Engineered a real-time dashboard for project tracking, improving completion rates and peer collaboration.

- **SeniorCare: Elder Activity Tracking and Monitoring System** — *Dec 2024*
  MySQL | React.js | Node.js | Express.js ⌂

  – Designed a caregiver alert system enabling real-time activity logging and fall detection to ensure senior safety
  – Designed and implemented a normalized SQL schema and RESTful APIs, enabling 100% uptime for real-time activity data access and reducing caregiver alert latency.
  – Enhanced intervention efficiency via synced dashboards, ensuring timely alerts and reducing response delays.

- **WenSync: Wenlock Hospital Management System** — *Jun 2025*
  MongoDB | Express.js | Next.js | Node.js | Python | Socket.io | StreamlitUI ⌂

  – Spearheaded hospital automation including token queues, and inventory, reducing workflow bottlenecks.
  – Deployed a live token queue and override-ready OT scheduler, cutting patient wait times by 40%.
  – Integrated real-time alerts, RBAC access, and pharmacy tracking for secure, streamlined hospital operations.

TECHNICAL SKILLS AND INTERESTS

Languages: C++, Python, JavaScript, Java, HTML5, CSS3, SQL
Developer Tools: Visual Studio Code, Git, GitHub, Postman, Figma
Frameworks & Libraries: React.js, Node.js, Express.js, TailwindCSS, Streamlit
Cloud/Databases: MongoDB, MySQL, AWS
Core CS Concepts: Data Structures & Algorithms, Operating Systems, DBMS, Computer Networks

ACHIEVEMENTS

Finalist, SkillSangam 2k25 Hackathon :
Recognized for designing an AI-driven hospital management solution that enhanced operational efficiency, patient flow, and scheduling. Reached the finals out of multiple competing teams by showcasing end-to-end full-stack development, system optimization, and problem-solving skills held on 3rd June 2025.

CERTIFICATIONS

Certification	Date
- **NPTEL Programming with C++** | Object Oriented Programming | Data Structures	*Apr 2024*
- **Google Cybersecurity Fundamentals** | Security Ethics | Network and System Security	*Jun 2024*
- **Google AI Essentials** | Artificial Intelligence | Neural Networks | LLMs and Generative AI	*Sept 2024*
- **AWS Cloud Practitioner Essentials** | AWS Services | EC2 Instances | Amazon S3	*Jul 2025*