

# Srinath Potharaju

Full-Stack Developer — Software Engineer

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## SUMMARY

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- Experienced Full-Stack Developer skilled in building scalable MERN applications with React, Node.js, MongoDB, Express.js, and RESTful APIs, delivering high-performance solutions for 500+ users.
- Proficient in Data Structures, Algorithms, OOP, System Design, CI/CD, Docker, AWS, and Agile methodologies, with a focus on production-ready software and real-world problem-solving.
- Passionate about leveraging AI/ML technologies like NLP and machine learning to enhance application functionality and user experience.

## EDUCATION

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- **MLR Institute of Technology, Hyderabad** Sep 2023 – Oct 2027  
*B.Tech in Computer Science and Engineering* CGPA: 7.60 / 10

## EXPERIENCE

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- **Full Stack Developer Intern — SprintM Technologies** Aug 2024 – Oct 2024
  - Engineered scalable MERN stack modules, reducing response time by 35% and supporting 500+ active users through optimized RESTful APIs and database queries.
  - Developed Android applications with Firebase authentication, boosting user engagement by 40% via secure login and real-time data sync.
  - Deployed containerized applications on AWS EC2/S3 with CI/CD automation, achieving 99.9% uptime and seamless scalability.
- **Full Stack Web Developer — Pantech.AI** Feb 2024 – May 2024
  - Built secure RESTful APIs with JWT authentication, cutting backend latency by 30% and enhancing scalability for high-traffic web applications.
  - Implemented Git-based CI/CD pipelines using Jenkins, slashing deployment time by 50% and ensuring release stability in Agile environments.

## PROJECTS

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- **CareerNexus — AI Career Platform** — Engineered an NLP-based resume analyzer and interview assistant using MERN stack and AWS, boosting evaluation accuracy by 25%. [GitHub](#)
- **AcadEx — Examination Management System** — Designed a role-based academic platform with dashboards, analytics, and REST APIs, serving 100+ students via secure authentication. [GitHub](#)
- **PharmaIntel — Healthcare AI Insights** — Created an ML analytics dashboard with data processing and visualization, improving healthcare decision-making by 30% using Pandas and Scikit-learn. [GitHub](#)

## TECHNICAL SKILLS

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**Languages:** C, C++, Java, Python, JavaScript, PHP

**Frontend:** HTML5, CSS3, React.js, Angular, Next.js, Vue.js, Redux, Tailwind CSS, Bootstrap

**Backend:** Node.js, Express.js, Django, Spring Boot, REST APIs, JWT, OAuth, WebSockets

**Databases:** MongoDB, MySQL, PostgreSQL, Oracle, Firebase, SQL Server

**DevOps & Cloud:** Git, GitHub, Docker, Kubernetes, Jenkins, CI/CD, Nginx, AWS, GCP, Linux

**CS Fundamentals:** Data Structures, Algorithms, OOP, System Design, Operating Systems, DBMS

**AI/ML:** Machine Learning, NLP, Pandas, NumPy, Scikit-learn, Gemini API

## CERTIFICATIONS

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Java Full Stack — Udemy (2024)

Full Stack Web Development — IBM (Coursera, 2024)

Cloud Computing & Ethical Hacking — NPTEL (2024)

## ACHIEVEMENTS

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- Winner of BITS Pilani National AI/ML Hackathon, recognized among 500+ national teams for scalable AI system design and rapid prototyping.
- Awarded for collaborative engineering excellence, delivering high-impact solutions in Agile environments with a focus on user-centric development.