Archit Kiran Kumar

Boston, Massachusetts ✉ architkiran@gmail.com ☎ +1 (857) 961-6066

in archit-kiran-kumar ⊙ architkiran 🔗 Portfolio

Skills

Languages: Python, Java, C, JavaScript, HTML, CSS

Frameworks & Tools: React.js, Next.js, Node.js, Tailwind CSS, Bootstrap, Git, GitHub, REST APIs, JSON, SDLC, Agile, Testing

Data & Databases: PySpark, Pandas, NumPy, Matplotlib, Seaborn, MySQL, Jupyter Notebook, Data Visualization, Data modeling

Other Skills: Design Patterns, UI/UX Design, Team Collaboration, Communication

Education

Boston University	**Boston, MA**
Master of Science in Computer Science	**2025 − 2027 (Expected)**
Ramaiah Institute of Technology	**Bangalore, India**
Bachelor of Engineering in Computer Science and Engineering	**2021 − 2025**

Experience

Front-End Developer Intern	**Bangalore, India**
Millicent Technologies	**Mar 2025 − Jul 2025**

- Engineered and deployed 4+ responsive web applications using React/Next.js, boosting load speed by 30% and enhancing client engagement, contributing to 10% increase in client retention.
- Designed and implemented a reusable front-end framework adopted across 3+ internal teams, reducing delivery time by 20% and supporting $50K+ in additional revenue.

Software Engineering Intern	**Bangalore, India**
InternPe	**Apr 2024 − Sep 2024**

- Developed and launched interactive Python applications (including a game frontend), increasing user engagement by 25% and generating an estimated $10K in revenue.
- Created and standardized reusable Python modules across 4+ projects, reducing setup/debugging time by 15% and improving throughput by 12%.

Projects

- **Safeguarding Bharat's EV Charging Networks (OCPP Protocol Resilience):** Strengthened EV charging infrastructure by analyzing vulnerabilities and simulating real-world cyber threats; **Best Project Award**.
- **Real-Time Traffic Data Analysis Using PySpark:** Built a live traffic visualization tool with TomTom APIs and PySpark, delivering dynamic route mapping and congestion analytics for Bangalore.
- **Personal Portfolio Website:** Developed a fully responsive portfolio using Next.js, Tailwind CSS, and Framer Motion. Features include smooth animations, dark/light mode, and dedicated project sections to showcase academic, professional, and open-source work. Deployed on Vercel: portfolio-archit.vercel.app ↗.
- **MERN Stack Applications (Car Rental, Railway Reservation):** Designed and deployed full-stack platforms using React, Node.js, Express, and MongoDB for scalable booking workflows and efficient data management.
- **Other Projects:** Blockchain based E-Votiing System, Post-Quantum Communication Framework for IoT Devices