

Soundar Murugan

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EDUCATION

- **Manipal Institute of Technology** Manipal, India
Bachelor of Technology in Mechatronics; GPA: 3.40 (8.51/10.0) *July 2018 – June 2022*

EXPERIENCE

- **Candescent (fka. NCR Corporation)** Bengaluru, India
Software Engineer II *Apr 2024 – Present*
 - **Next-Gen Web:** Eliminated 10+ UI defects, overhauled interface, and launched transaction grouping and labeling feature for a cleaner, more intuitive UI.
 - **Accelerate Mobile:** Shipped customizable Greetings Widget and optimized transaction flows, improving mobile NPS by 15%.
 - **Mobile Extensibility:** Engineered NPM package and SDK powering 5+ plug-and-play mobile extensions, accelerating feature rollout by 30%.

July 2022 – Mar 2024

Software Engineer I
 - **Self Service Tool:** Designed and deployed end-to-end UI, empowering 5K+ users to self-manage configurations and reducing support and developer workload by 70%.
 - **Mass Onboarding Tool:** Developed a robust Python automation tool to streamline and accelerate client onboarding, enabling 100+ clients to be onboarded and reducing manual effort by 80%.
 - **Chatbot UI:** Enhanced chatbot UX with optimized animations, debounced autocomplete, and rapid UI bugfixes.
- **Factri.AI** Bengaluru, India
Fullstack Intern *Feb 2022 – June 2022*
 - **Table Component:** Built deeply nested, high-performance table with dynamic pagination APIs for complex data visualization.
 - **QR Generator:** Automated QR code generation for 1K+ products, streamlining catalogue management.
 - **PDF Export:** Implemented server-side PDF export using Django templates, enabling seamless document generation.

PROJECTS

- **Model Context Protocol (MCP) Server for Mastodon:** Built an AI-powered server enabling users to perform actions on Mastodon using plain English via LLMs through AI agents.
- **Code for Boston Open Source Contribution:** Updated UI layout by reorganizing content for improved clarity and usability.
- **Portfolio Website:** Designed and deployed a personal portfolio site showcasing experience and technical skills.

CERTIFICATIONS

- **GCP - Associate Cloud Engineer:** Credential
- **Deep Learning Specialization:** Credential
- **Advanced Data Science Specialization:** Credential

SKILLS

- **Programming Languages:** Python, TypeScript, JavaScript
- **Frameworks & Libraries:** React, React Native, Django, Node, Tailwind CSS
- **Tools:** Docker, Git, Google Cloud Platform, REST API, Linux
- **Concepts:** Frontend Development, Fullstack Development, Microservices, CI/CD, Software Engineering, Agile