

Surya Kiran

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TECHNICAL SKILLS

Languages: Java, Python, TypeScript, JavaScript
Frontend: React, NextJS
Backend: Node.js, Express, Flask
Databases: PostgreSQL, MySQL, MongoDB
Dev Tools: Docker, Git, CI/CD
Data & Analysis: Pandas, NumPy, Matplotlib, Claude

Experience

- SDE Intern** | *Maynooth University* *Jan. 2026 – Present*
- Migrated legacy API tools from Flask 0.12 to FastAPI.
 - Implemented SAML authentication to production tools managing around 1000 users.
 - Currently taking the role of a **Product Owner** for future projects in the team.
- Scrum Master** | *Agile* *Aug. 2025 – May. 2026*
- Trained as a **Scrum Master** within two separate teams under guidance.

PROJECTS

- Subscription Manager** | *React, Node.js, MongoDB, Git* | [GitHub](#) *Aug 2025 – Sep 2025*
- Designed and implemented a RESTful subscription management API supporting user authentication, recurring billing logic, and automated email notifications.
 - Includes **rate limiting and bot protection**, securing against malicious traffic.
- Employee Management System** | *Express, React, MongoDB* | [GitHub](#) *July 2025 – Aug 2025*
- Developed a full-stack REST API with React frontend.
 - Designed a role-based system supporting **CRUD operations** for employee records, including profile management, department assignment, and attendance tracking.
 - Secured platform with **JWT authentication** and role based routes.
- Architecture Portfolio** | *NextJS, TypeScript* | [Link](#) *June 2026*
- Built a **cross-platform** app for an architectural company to showcase their work and attract customers.
 - Increased engagement and google search results by **80%**.
- Therapist Client Management App** | *React, MySQL, Express* | [GitHub](#) *Feb 2024*
- Designed a secure app for therapists to manage clients, sessions and appointments.

EDUCATION

Maynooth University
BSc Computer Science & Software Engineering *Aug. 2023 – 2027*

Certifications

- IBM DevOps, Cloud, and Agile Foundations ([Link](#))
- Python for Data Science, AI & Development ([Link](#))