

Tony Mike Auxen

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📍 Bangalore, India



MY STORY

Experienced software engineer with around 3 years of web development expertise in frontend technologies like HTML, CSS, **TypeScript**, **JavaScript**, **React.js** & backend technologies like **Node.js**, **PostgreSQL**. I am comfortable working on complex problems, building scalable systems, and designing interactive user experiences that delight customers.

WORK EXPERIENCE

~ 3 years

Software Development Engineer

Apty, Bangalore | Oct 2023 - Present

- **Reduced time for publishing and exporting** of user engagement tools **by over 50%** by building an **end-to-end** "Bundle Management" feature, leading to easier grouping and management of content.
- Built a **UI portal for enterprise admins** to manage **user provisioning** (SCIM) and help automate the onboarding and off-boarding of users from the desired enterprise applications.
- Implemented a **POC evaluating various backend frameworks** & selected Nest.js as the optimal solution for the product's needs and constraints as part of Apty's re-platforming efforts.
- Improved product accessibility, security, and stability by implementing **WCAG 2.0 compliance** and bug fixes.

Frontend Engineer

Siemens Healthineers, Bangalore | Sep 2021 - Sep 2023

- **Frontend:** Built a **web UI graph for doctors to visualize and quantify plaque deposits** in patients based on AI-analysis of scan input - **reducing the duration of stent procedures by 60%**.
- Implemented a **web UI panel for doctors** to see vascular measurements as they move along arteries in real-time; early projections of a **40% drop in surgeries required**.
- Developed a frontend **combined view for visualizing multiple views of an artery on a single screen** - helping doctors with a 360 degree view in one snapshot for better diagnosis.
- Revamped **UI test infrastructure from scratch** resulting in 60% increase in performance, achieving higher code quality and improved error handling.
- **Leadership: Led 15-member team to achieve "Code Craftsmanship" certification** in 8 months; implemented adherence to best practices, conducted bi-weekly sessions on pain points, and improvement areas.
- **Mentored 4 new joiners** during onboarding; accelerated their ramp-up and integration into different projects.

Software Development Intern

Siemens Healthineers, Bangalore | Feb 2021 - May 2021

- Reduced security risk by 80% for an AI-powered radiology product's Docker containers by identifying the **"OWASP Top 10"** vulnerabilities and implementing security patches following NIST guidelines.
- Created a **responsive web application that provided employees with real-time location information** of the office transport. Used by more than 120 employees within the first three months.

EDUCATION

Bachelor of Engineering (B.E.) |

Information Science & Engineering | GPA : 9.25/10

The National Institute of Engineering, Mysore |

Aug 2017 - Aug 2021

- **Secretary** of the Computer Society of India (CSI) - NIE Student Branch (2020-21)
- **Captain** of the college football team '20-21; Winner of multiple football tournaments including Mysore 'A' Division

Pre-University Course (PUC) |

Grade XII | 93.16%

St. Joseph's Pre-University College, Bangalore |

Jun 2015 - May 2017

- **Cultural Secretary** of the Student Council (2016)
- **Head of organizing committee** of the biggest college fest in Bangalore - 'Equinox' with a footfall of **20k+** and treasury management of **50lakhs+**

SKILLS

HTML | CSS | TypeScript | JavaScript | React.js | Express | Node.js | Nest.js | PostgreSQL | MongoDB | Redis | Redux | Zustand | TailwindCSS | MaterialUI | Bootstrap | SASS | SCSS | REST APIs | Git | AWS