

TIMESH PATEL

ptimesh@gmail.com | [Portfolio](#) | [LinkedIn](#)

ABOUT **Data driven Software Engineer, University Grad with 3 YOE** in software design, writing code, web applications, data structures, frontend & backend product design, APIs, data feeds & user testing. I am a results-oriented & analytical problem solver with a bias for action who thrives in fast - moving, large scale, highly complex technical environments where I can build new features & improve existing products to make immediate impact to both business & customers.

HISTORY **SOFTWARE ENGINEER** Feb 2021 - Present

General Motors

FULL STACK DEVELOPMENT ON GLOBAL SALES MANAGEMENT TEAM

- **Revamping legacy systems** with modern languages to improve ease of use, scalability, and maintainability. Developing a **MVC web application** for internal global vehicle order management systems used by dealerships to order cars.
- **Producing high quality full stack** code in **Angular 11, Java, SQL** with **Maven** and **HTML**. Writing efficient queries in **SQL** using **Oracle Database** & designing **REST APIs** in **Java** coupled with **SpringBoot & Angular**.
- **Leading and managing application security** using **Fortify** and **SonarQube** to resolve security threats and implement unit tests for **code coverage** before new versions are deployed to dealerships. Deployed using **Pivotal Cloud Foundry Platform (PCF)**.
- Implementing **Agile/SCRUM** methodology with **Azure DevOps** ecosystem services and engineering best practices with numerous teams.

SOFTWARE ENGINEERING INTERN

June 2019 - Sept 2019

Ondas Networks

OWNERSHIP OF DECISIONS, WRITING & TESTING SOFTWARE, SHIP CODE QUICKLY

- **Owned end to end testing & improvement of QA process of hardware products (radios)** before shipping to customers, including set up, problem-solving, writing & testing software, investigating data structures & algorithms, software design & creating an easy, modular set of scripts that could ship quickly & be replicated to **make testing faster & easier for cross functional teams, with high satisfaction rates from management**
- **Automated the QA process by developing code & scripts in Expect and Tcl** that tested & configured the patented Software Defined Radios (SDR) platform, the BS5000 & Cobalt network radio, **cutting testing time from a week to mere hours (over 80% time reduction) & improving the reporting process, configuration & data speeds, leading to increased management satisfaction.**
- **Deployed new FreeRadius & Foglamp services to create a secure process for customer radio setup & network authentication. Proactively problem solved** by leveraging customer insights, working collaboratively with engineering teams & management & taking initiative to update documentation & **write scripts that were scaled to 2 cross functional teams, resulting in increased customer satisfaction rates & security across 2K clients**

SOFTWARE ENGINEERING PROJECTS

2017 - 2019

UC SANTA CRUZ

APP & WEBSITE DESIGN + DEVELOPMENT, FRONTEND & BACKEND ARCHITECTURE

- **Created Android/iOS and web applications & full stack websites that received very high notes, positive feedback from professors & students for design & functionality.**
- **As a SCRUM team lead, defined & led agile end-to-end product development & rapid prototyping of an Android & iOS app in Flutter framework** that uses Google Firebase, Google Vision API to create virtual outfits for users. Used Figma to design the app & oversaw product roadmap, implementation and **Travis CI** for unit testing, **consistently communicated to ensure seamless delivery of stories from my team, completing 100% of all sprints on time.**
- **Built & designed a fully functioning food delivery website hosted on Amazon AWS to meet the needs of students living on campus.** Used Javascript, HTML, CSS to create a clean UI, Stripe API to create a secure checkout process & incorporated code to design responsive dashboards & menu options using web scraping tool Beautiful Soup.

EDU **UNIVERSITY OF CALIFORNIA, SANTA CRUZ** Santa Cruz, CA
BS Computer Science

September 2016 - June 2020

Syracuse University
Masters of Science Computer Science

2021 - Expected June 2022

SKILLS Python | JavaScript | Java | SQL, PostgreSQL | C, C++ | HTML, CSS | Linux | Travis CI | Git | Unix | Docker | CS Theory, Data Structures, Algorithms | Amazon AWS, S3, EC2 | Dart | Angular | Azure DevOps | Spark | MapReduce | Hadoop | Fortify | SonarQube