

ADITYA NAIR

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Targeting an Internship Opportunity in Software Engineering roles

SUMMARY

- Upcoming **MS in Software Engineering** graduate offering a **strong foundation in software system design** and programming principles across multiple platforms.
- Bringing almost **4 years** of critical thinking and creativity in the field of **application development**, scripting and coding, automation, **web application design**, product testing and deployment, UI testing, and requirements gathering.
- Quick learner with a go-getter attitude who is enthusiastic about **mastering new technologies**; successful working in both team and self-directed settings.

EDUCATION

UNIVERSITY OF CALIFORNIA, IRVINE, Irvine, California
Master of Science in Software Engineering, Expected March 2020

MODEL ENGINEERING COLLEGE, Cochin University of Science and Technology (CUSAT), Cochin, India
B.Tech, Electronics & Communication, 2010-2014, GPA: 3.50/4.00

EXPERIENCE

ADP, Hyderabad, India

Senior Technical Member, Majors R&D, 10/2014 – 08/2018

- Carried out the design, development and testing of various modules of a flagship web-based application – Workforce Now.
- Built dynamic and responsive user-facing web pages and connected them with **Oracle DBs** using **REST web services**.
- Designed various in-house tools that **automated repetitive tasks**, which improved the productivity of the support team.
- **Optimized applications** by tuning its design, bringing down request time from 4 s to 1.3 s. [**Star of the month**, Dec 17]

SOFTWARE ENGINEERING PROJECTS

Compensation Management Module - WFN • **Software Engineer / DevOps**

A re-engineered module responsible for calculating Merit increments and Bonus based on performance and distributing it via paychecks.

- Pushed for employing a newer tech stack to accommodate increasing functional and UI complexities of new features.
- Contributed to the new framework that followed **Microservice Architecture** using **Spring** and **ReactJS** with **Redux**.
- Performed normalized DB model design, mapped and persisted DB entities using **Hibernate** and constructed the initial packages that strictly followed the **architectural patterns**.
- **Mentored** team-mates, reviewed pull requests and handled daily deployment of **Docker containers**.

WFN Force Delete Tool • **Software Engineer**

A tool enabling users to force delete validation codes which required clients to contact the support team who ran client specific scripts.

- Employed **J2EE** technologies like **EJB**, **JPA**, **JDBC** and **JavaScript** to create a web application.
- Served an Excel file using **Java Servlets**, which listed all the dependencies of the validation code that would be deleted.
- Reduced calls to support team, service tickets and execution of client-specific scripts drastically.

WFN Import Utility • **Software Engineer**

An app that aided import of production client's database into local environments for testing and certification of scripts and code fixes.

- Facilitated SSH connection with a server and executed shell scripts to copy data from the server to local database schemas.
- Built the front-end using **JSP** and used an open source library **JSch** to make an **SSH** connection and run **shell scripts** through Java.