

Pranav Dommata

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Professional Summary

- **Full Stack Java developer** with **4+ years of professional experience** in building enterprise level software solutions.
- Expertise in building **back-end services** and experience in developing and maintaining **APIs** in **Java** with an eye on **performance optimization**.
- Good working knowledge of **object-oriented programming concepts, software design patterns**, foresight for developing easily **extensible** and **scalable** software solutions.
- Delivered innovate solutions in a self-driven environment following **SDLC best practices Continuous Integration, Automated Unit Testing, Regression Testing**.
- Hands on experience with **component level system design** and good understanding of overall architecture of enterprise level application stack.
- Professional working experience with **JavaScript frameworks** like **React** and **Angular**.
- Core understanding of **algorithms and data structures** to develop efficient solutions.
- Good understanding of **RDBMS** concepts along with working knowledge of **Oracle** and **Mongo DB**.
- Worked in a **Collaborative, Fast paced Agile environment** to deliver multiple project streams simultaneously.
- Extensive experience in developing code in a **Test-Driven Development** environment and have working knowledge of Java Testing frameworks like **Junit**.
- Proficient in using **Git** and **Github** for version control.
- Fluent in **Python** and **Bash** for writing **Automation Scripts**.

Technical Skills

- **Languages:** C, Java, JavaScript (D3, React JS, Node JS, Angular), Python, TypeScript.
- **Technologies:** HTML, CSS, Mongo DB, Oracle DB, SQL, Informatica, ODI, OBIEE, Git, Eclipse, VS Code, IntelliJ IDEA, Photoshop
- **Web Services:** REST
- **Frameworks:** Java Spring, Junit, Angular, React
- **Build:** Maven, Jenkins

Experience

Software Engineer | Ubiquiti Inc.

Since June 2018 | Salt Lake City, UT

- Developed and integrated new features into the network management tool built in **Java Spring Framework** for one of Ubiquiti's product lines.
- Involved in **designing the services layer** to efficiently cater the needs of the **firmware** and the **front-end technology stack**.
- Designed and built **Java REST API** in order to integrate the services built by other cross functional teams.
- Hands-on experience with using the **Mongo DB Interface** in **Java**.
- Used **Maven** as the **build tool** and **Jenkins** for **Continuous Integration**.
- Wrote the unit tests using the **Junit – Java testing framework**.
- Extensively used tools like **Postman** for **testing API calls** and **Robo 3T** which is a **GUI** for the **Mongo DB**.
- Worked closely with the user community and testing team in the **root cause analysis** of **production level bugs**.
- Engaged in **code review sessions** which led to a continuous improvement of the quality of code.
- Contributed to documenting the architectural decisions and the state flow diagrams in **Confluence**.
- Wrote automation scripts in **Bash** and **Python frameworks** like **pexpect**.
- **Environment:** Java Spring Framework, Angular, Mongo DB, Redis for cache, Junit, log4j, Jenkins, Maven, Git, Postman, Robo 3T, Python, bash, Atlassian.

Master's Intern | Pacific Northwest National Lab

May 2017 - August 2017 | Richland, WA

- Built **GUI** for the climate scientists using **React JS** to help them see the patterns in the data and make the right decisions.
- Participated and contributed in **design discussions** and created **design documents**.
- Built a **REST API** in **Node JS** using **Express framework** to serve the front-end stack built in **React**.
- Made the application scalable by integrating **Mongo DB** for the storage purposes.
- Hosted the application on **AWS** to enable easy access for the users.
- **Environment:** Node JS(Express), React, Mongo DB, Git, AWS.

Teaching Assistant and Researcher | University of Utah

Jan 2017 - May 2018 | Salt Lake City, UT

Teaching Assistant:

- **Visualization for Data Science:** The course had about **100 students enrolled**.
- This course mainly covers the design principles and developing **web based visualizations** using **D3.js**.
- **Mentored 12 teams** in the class final project.
- **Environment:** MongoDB, Node JS(Express), Typescript

Researcher:

- Worked with **Dr. Alexander Lex** in the Visualization Design Lab of the Scientific Computing and Imaging (SCI) Institute, University of Utah.
- Developed plugins **for keyword search** and for **building dynamic categories** for the **visualization tools** built at the lab.
- **Environment:** MongoDB, Node JS(Express), Typescript

Software Engineer | FCS Inc. (A TEKsystems division)

May 2014 - July 2016 | Hyderabad, India

- Worked on some of the critical projects for clients like GE and JDSU using **ETL tools** like **Informatica and Oracle Data Integrator**.
- Involved in the **design analysis and technical design sessions** with business and technical staff to develop ETL design specifications and interacted with end users to resolve performance issues.
- Participated in design, development and testing of **ETL Mappings, Maplets and Workflows** using Informatica Power Center.
- Have hands on experience with SCM and Finance modules.
- Created **SQL stored procedures** and called them from Informatica Power Center.
- **Environment:** SQL, Informatica, Oracle Data Integrator, OBIEE, Linux.

Education

- **University of Utah, Salt Lake City, Utah**
Master's | Aug. 2016 – May. 2018
- Computer Science, 3.72/4
- **Relevant Coursework:** Visualization, Data Mining, Machine Learning, Natural Language Processing, Advanced, Database Systems, Operating Systems, Advanced Algorithms, Computer Architecture.

- **Osmania University, Hyderabad, India**
Bachelor's | Aug. 2010 – May. 2014
- Electronics and Communication, 3.69/4

Academic Projects

- **Search for Twitter Bots:** Built a Machine Learning classifier to classify if a twitter account is a content polluter or not. Extracted features, done feature transformations and implemented algorithms from the families of ensembles, decision trees and perceptron. (Python)
- **Event extraction system:** Built an information extraction(IE) system for the news articles. Developed the system from the scratch using different Natural Language Processing (NLP) techniques to extract the several types of information. (Python, Spacy, Stanford CoreNLP)
- **Grad School Finder:** Built a web page effectively visualizing the graduate schools' data to help any individual shortlist the universities based on his/her interests. (JavaScript, D3.js, HTML and CSS)
- **Personal Portfolio (side project):** Built a personal portfolio site to showcase the projects and my experience in the field of Computer Science. (React JS, Node JS(Express), Mailgun)