Parth Nagraj

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LinkedIn: linkedin.com/in/parthnagraj   **GitHub:** github.com/pdnagraj   **Portfolio:** pdnagraj.github.io/pnwebsite

>LANGUAGES AND TECHNOLOGIES

- **Proficient:** Java, JavaScript, C#, SQL, JSON, HTML5, CSS3, JUnit, Eclipse, Visual Studio Code
- **Exposure:** Python, Django, C, C++, Jenkins, Jira, Linux, Android Studio, Scala, XML

>EDUCATION

Bachelors of Science in Computer Science, *University of Massachusetts, Amherst*   May 2020

- <u>Relevant Coursework</u>: Web Programming, Mobile Health Sensing, Physical Computing, Algorithms, Software Engineering, Data Management, Information Systems, Game Programming

>PROFESSIONAL EXPERIENCE

Aras Corporation | Software Solutions Engineer | Andover, MA   Sept 2020 - Present

- Extensively engaged with the PLM software, Aras Innovator, specializing in developing, testing and customizing the product utilizing a variety of technologies such as Aras Innovator, JavaScript, C#, SQL HTML5, and CSS3.
- Developed and tested solutions for companies such as Amazon, Microsoft, IBM etc.
- Maintained a clear and effective line of communication with numerous clients to ensure customer satisfaction and efficient issue resolution.

Synqware | Software Engineer | Barrington, MA   Jul 2020 - Sept 2020

- Developed and maintained the Java Springboot Full Stack Vendor application
- Created and maintained the front-end, back-end and database of the application with Spring Boot, Maven, Java, Apache Tomcat, JavaScript, HTML5, CSS3, and MySQL.
- Maintained effective and concise communication with company representatives to ensure application feature requirements were met and delivered on time.

Ultimate Software | Software Engineer | Amherst, MA   Sep 2019 - Dec 2019

- Developed 'Survey Master', a web interface where managers can create and send anonymous surveys to over 5,000 employees utilizing JavaScript, Python, Django, MySQL, HTML5, and CSS3.
- Created and maintained the front-end of anonymous surveying systems as well as database manipulation and management using JavaScript, HTML5, CSS3, and MySQL.
- Maintained effective and concise communication with company representatives to ensure application feature requirements were met and delivered on time.

Payfactors | Software Engineer, Intern | Burlington, MA   Jun 2019 - Aug 2019

- Developed process to add and remove companies into internal peer exchange for gathering salary data using C#, custom web API, and Selenium.
- Created approval and reviewer system to determine if company descriptions were accurate with C#, custom web API, and Selenium.
- Designed and wrote test automation and performed root cause analysis for system failures using Microsoft Visual Studio Code, C#, Selenium, Jenkins, and MySQL.

>PROJECT WORK

ELENA | Software Engineer | github   Mar 2020 - May 2020

Navigation system creating optimal routes accounting for elevation based on user provided start and ending locations.

- Crafted front end UI using JavaScript, HTML5, and CSS3 with Leaflet routing machine, OpenStreetMap API integration, and Mapbox for map rendering and routing.
- Developed backend in Python and Flask leveraging Dijkstra algorithm for shortest path and BFS for Elevation Gain Algorithm based on provided distance limitation.

>CERTIFICATIONS

Software Engineering Virtual Experience Certificate of Completion, *JPMorgan Chase & Co.*   2020

Oracle Certified Professional Java SE 8 Programmer, *Oracle*   2020