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
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.

Catch | Software Engineer | github   Oct 2018 - Dec 2018
Online platform where pet owners can connect with pet enthusiasts to host pet focused events.
- Developed pet event organization platform utilizing JavaScript, Python, Django, HTML5, and CSS3, persisting data in MySQL database.
- Managed team of 4 software developers and delegated tasks to optimize performance and deliver on time.

BumpIt | Software Engineer | github   Jul 2017 - Aug 2018
Android app creating custom QR code containing select social media links a user would like to share.
- Developed mobile Android app in Java where users are given certain social media links to bundle and share through custom QR code containing select information.

>CERTIFICATIONS
Software Engineering Virtual Experience Certificate of Completion, *JPMorgan Chase & Co.*   2020
Oracle Certified Professional Java SE 8 Programmer, *Oracle*   2020