

# Mandeep Kaur

+1 (669) 236 – 9764 | Saint Paul, MN | [mndpkaur14@gmail.com](mailto:mndpkaur14@gmail.com) | [Github](#) | [LinkedIn](#) | [Website](#)

## WORK EXPERIENCE

- |  |   |                             |
|--|---|-----------------------------|
| <b>Associate Software Developer Engineer</b>   | <b>WindLogics</b>                             | <b>Sept 2018 - Present</b>  |
| <ul style="list-style-type: none"><li>Working with the team on building alerting and monitoring system.</li></ul>  |   |                             |
| <b>Software Engineer Intern</b>  | <b>Pyze Inc.</b>                              | <b>Feb 2018 – Sept 2018</b> |
| <ul style="list-style-type: none"><li>Working on the Pyze backend platform and web agent.</li><li>Working with the team to introduce new features to the Pyze product.</li><li>Turning ideas and mockups into new features using HTML, CSS, JavaScript and jQuery.</li><li>Implemented various webpage optimization techniques like Minifying JS files.</li><li>Wrote test cases to perform front-end and API testing for the core product using Mocha, puppeteer and dredd.</li><li>Worked on providing support for offline web applications, progressive web applications using IndexedDB.</li></ul> |   |                             |
| <b>Software Engineer Intern(Volunteer)</b>   | <b>GoLoad Inc.</b>                            | <b>June - Nov 2017</b>      |
| <ul style="list-style-type: none"><li>Responsible for handling the back-end development of the payment module of the application using Stripe API.</li><li>Worked on writing cloud functions to handle real-time data by triggering the events provided by firebase.</li><li>Implemented user creation using Firebase authentication &amp; sent the reset password email to complete the signup process.</li></ul>   |   |                             |
| <b>Software Engineer Intern</b>  | <b>Toyota ITC, USA, Inc.</b>                  | <b>Feb – May 2017</b>       |
| <ul style="list-style-type: none"><li>Developed benchmark model of a system with autonomous functionality using neural networks in Python.</li><li>Built a convolutional neural network for classifying the dataset of 60,000 images into 62 different classes.</li><li>Used tensorflow library for image recognition and training with 92% accuracy.</li><li>Wrote the CRUD operations using the data generated in JSON file on DocumentDB hosted on Microsoft Azure Cloud.</li></ul>   |   |                             |
| <b>Web Application Intern</b>  | <b>Power System Operation Corporation Ltd</b> | <b>June – Aug 2014</b>      |
| <ul style="list-style-type: none"><li>Developed a user-friendly responsive web application to handle department level complaints faced by employees.</li><li>Increased organizations' efficiency 10% by automating work of sorting &amp; managing the issues reported by the employees.</li></ul>  |   |                             |

## TECHNICAL/KEY SKILLS

Programming	Java, Python
Web Technologies	JavaScript, HTTP, HTML/CSS, JSON, REST, jQuery, Service Worker, DOM Manipulation
Database	MySQL, MongoDB, Firebase, IndexedDB
Cloud Technologies	IBM Bluemix, Google App Engine, AWS (EC2, ELB, S3), Heroku, Cloud Functions
Frameworks	Node.js, Spring, TensorFlow, NumPy, Pandas, Vue.js, Flask
Testing Framework	Mocha, Chai, dredd, junit
Software Tool/SDLC	Git, Jira, Jenkins, Postman, Maven, OpenCV, Waterfall, Kanban, Agile, Scrum, Swagger

## RELEVANT PROJECTS

- |  |                                |                    |
|--|--------------------------------|--------------------|
| <b>Events in the City</b>  | <b>SJSU</b>                    | <b>Fall 2017</b>   |
| <ul style="list-style-type: none"><li>Built a web based portal to display technical and recreational events taking place in SF Bay Area.</li><li>Used various APIs like Meetup.com, Eventbrite.com to extract and display all the events on one platform.</li></ul>            |                                |                    |
| <b>UML Java Parser</b>   | <b>SJSU (Personal Project)</b> | <b>Spring 2016</b> |
| <ul style="list-style-type: none"><li>Developed Java application to accept an input of multiple java source files and generate class diagram as .png image.</li></ul>  |                                |                    |
| <b>Online Library Management System</b>  | <b>SJSU</b>                    | <b>Fall 2016</b>   |
| <ul style="list-style-type: none"><li>Successfully developed a web based application to manage various aspects of university library system.</li><li>Implemented various features like cataloging, search, circulation, and wait list of the books using Spring MVC.</li></ul> |                                |                    |
| <b>eBay – eCommerce Store (Prototype)</b>  | <b>SJSU</b>                    | <b>Spring 2017</b> |
| <ul style="list-style-type: none"><li>Built an eCommerce website &amp; implemented features of selling, buying and placing bid for any product.</li><li>Performed various OLAP operations on the admin side for analyzing trend of sales.</li></ul>                            |                                |                    |

## EDUCATION

<b>MS in Software Engineering</b>	San Jose State University, USA, GPA: 3.6	<b>2016 – 2017</b>
<b>B. Tech in Computer Science</b>	Guru Gobind Singh Indraprastha Univ., New Delhi, India, GPA: 3.94	<b>2011 – 2015</b>

## RELEVANT COURSEWORK

Enterprise Software Systems, Enterprise Software Platforms, Enterprise Distributed Systems, Enterprise Application Development, Cloud Technologies, Data Structures and Algorithms, OO Programming, OO Design, GoF Design Patterns