

PALASH HEDAU

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SUMMARY

Software Engineer in field of Enterprise Distributed Systems and Application Development with 2.5 years of experience.

SKILLS

Programming Languages: Java, Python

Web Technologies: React.JS, AngularJS, JavaScript, NodeJS, Mocha, HTML5, CSS, JSON, RESTful Services

Database: Oracle 11g, MySQL, MongoDB, Redis

Version Control Systems: Perforce, GitHub

Others: Machine Learning, Docker, AWS, Redux, Object Oriented Design, Maven, JUNIT, UNIX/Linux, Agile.

EDUCATION

Master of Science in Computer Software Engineering

Expected May 2019

San Jose State University, San Jose, CA, United States

Bachelor of Engineering in Information Technology

May 2014

Rashtrasant Tukadoji Maharaj Nagpur University, India

ADDITIONAL CERTIFICATIONS

PG-DAC, Institute of Advanced Computing and Software Development, India

Aug 2014 – Jan 2015

Machine Learning A-Z: Hands-on Python and R in Data Science.

Full JavaScript and ES6 - (including ES7 and React), Udemy.

ACADEMIC PROJECTS

Stock Market Prediction, San Jose State University, USA (Python, TensorFlow, matplotlib)

Nov 2017 – Dec 2018

- Developed with Recurrent Neural Network Deep Learning algorithm to forecast the future stock prices of the market.
- Improved algorithm accuracy to reach 83% with 500 epoch round without over-fitting.
- Integrated with Long Short Term Memory algorithm for gradient descent with 0% error in back propagation

Dropbox-Replica, San Jose State University, USA (ReactJS, Spring Boot, MySQL)

Sep 2017 – Oct 2017

- Developed an end to end application to securely store files on server with additional features such as group sharing.
- Programmed with Distributed systems coupled with KAFKA messaging queue, making it a 4-tier architecture.
- Improved application response time by ~25% with custom written connection pooling.

Spelling Based Captcha System, PIGCE, India [IEEE Reference Paper](#) (Java)

Aug 2013 – Mar 2014

- Implemented unique Captcha system to restrict malicious program accessing resources available on the web.
- Collaborated system with Enterprise application, only allowing mouse click making abstraction extremely robust.

WORK EXPERIENCE

Software Engineer at Amdocs Development Centre India Pvt Ltd, Pune, India

Jan 2015 – July 2017

- Pioneered Auto-Resolver Framework application and implemented solutions in **Java** involving complex data structure problems for Fallouts in Order Management System, thus increasing revenue of the team by 19%.
- Automated CRM Case creation process by developing MEAN Stack web-application for AT&T back-office agents thereby increasing their efficiency (approx. 350%).
- Remodelled the **KAIZEN** portal with best coding practices which boosted the API response time by 200%.
- Tutored newly hired team-members and collaborated modules of automation project.
- Awarded **AT&T Star in ADM Line Level Release event** for work of excellence in mitigating the impact caused by Robotics Automation