Aakanksh Yalamarthy

Full Stack Software Developer

A developer and designer with a huge passion for philosophy, entrepreneurship and self-development. Passionate about building software that would make a difference. My mission is to solve real world problems through empowering technology. Enthusiastic about how software can make an impact at scale, continuously striving to make better experiences and products.

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WORK EXPERIENCE

Full Stack Developer
Intuit

07/2017 – 05/2018   *Mississauga, Canada*

A software corporation which is recognized globally for developing TurboTax, Quickbooks and Mint.

Achievements/Tasks

- A full stack software engineer on the TurboTax team, working on front end and back end technologies.
- Working on developing new sku's and features in the product, fixing software tax accuracy and compliance issues as well.
- Primarily involved with developing business logic in Java, Spring, Hibernate and front end in Javascript and React framework.

Full Stack Javascript Developer
Mobitel Technologies Pvt. Ltd.

05/2016 – 03/2017   *Hyderabad, India*

Mobitel is a provider of voice and data based value added services to mobile operators.

Achievements/Tasks

- As a full stack javascript developer, supported and developed a web based dashboard for the product, was involved in writing tested, idiomatic, and documented JavaScript, HTML and CSS.
- Utilized React for front end UI development, D3 Js was used to meet the need of data visualization requirements.
- Cooperated with the back-end developer in the process of building the RESTful API with Node JS.

Full Stack Software Developer
ActiveNet Pvt. Ltd.
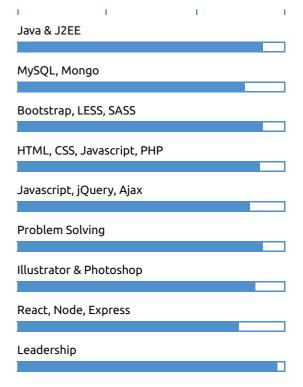
06/2014 – 06/2015   *Hyderabad, India*

A software training institute and a software consulting company

Tasks/Achievements

- As a full stack developer, supported and developed a Human Resources Management System project.
- Developed the front end of the web app using web technologies, bootstrap framework and javascript frameworks such as Node and React.
- Involved in designing the backend, integrated the application with MySQL database and Hibernate ORM framework.

SKILLS & COMPETENCES

Java & J2EE

MySQL, Mongo

Bootstrap, LESS, SASS

HTML, CSS, Javascript, PHP

Javascript, jQuery, Ajax

Problem Solving

Illustrator & Photoshop

React, Node, Express

Leadership

ACHIEVEMENTS

Master's degree in Mechanical & Materials Engineering from University of Western Ontario (08/2015 – 07/2016)

Established my own venture and provided solutions to multiple startups in order to help them grow and scale. (2011)

Designed a missile canister launcher using composite materials with my team for a DRDO project. (11/2013 – 05/2014)

Developed a part program and manufactured a fully functional gear shifting lever using vertical CNC. (02/2013 – 09/2013)

Published an article on Apple products and future technologies in the HANS INDIA newspaper. (05/2013)

Created a line following robot with obstacle sensors - received second place award in the race held by IIT, Mumbai. (04/2012)

Received a certificate of merit from VNR Institute, India for presenting a paper on Bioencryption. (05/2011)

WORK EXPERIENCE

Lead Software Developer, UI/UX
Great Ideas Co.

12/2013 – 05/2014   *India*

It's an out of box e-commerce solution for medium and small enterprises

Tasks/Achievements

- Great ideas co. helped to take small and medium enterprises online by providing them with a out of the box, turn-key e-commerce shop to showcase their products and services, improving exposure and boosting their sales.
- Guided the team development efforts towards successful project delivery, provided technical leadership to teammates.
- Assisted development of a web app which provides the vendor with e-commerce and data analytics solutions. Translated ideas and concepts into wireframes and mockups by applying a user-centered design approach.
- Modelled and developed the page structure, formulated the web functionality and feature development with other team members.

Software Developer - Intern
Propel Retailing Pvt. Ltd.

05/2013 – 10/2013   *India*

A retailing company, provides solutions to retail businesses

Tasks/Achievements

- Involved in building a web app which helps in tracking and managing the inventory, sales and transactions taking place at all the retails stores spread through out the city.
- Configured software development tools as required by the company and also assisted in identifying possible obstacles and proposing appropriate solutions.
- Learned key aspects of implementing and integrating the technology to various retail businesses.

PROJECTS

Human Resource Management System (2014)
- A web app for SME's to manage human resources.
- Designed a responsive front end layout with HTML, CSS and Bootstrap.
- Used Hibernate framework along with MySQL to structure the backend.

To-do Android App (2016)
- A personal project to organize and plan all my tasks in a day.
- Built with HTML, CSS and Javascript, deployed as an android app.

Healthcare Management System (2013)
- It's a software solution catered to healthcare institutions to manage their doctors, patients, hospitals and other standard operations.
- Played a key role in implementing the backend with advanced java technologies.

EDUCATION

Master's in Mechanical & Materials Engineering
University of Western Ontario

08/2015 – 08/2016   *London, Canada*

Bachelors In Mechanical Engineering
Vardhaman College of Engineering, JNTU

06/2010 – 05/2014   *Hyderabad, India*

CERTIFICATES

Oracle Certified Java developer (OCJP) (12/2016)
Received the OCJP certification from Oracle with a score of 93%.

Thinklabs Robotics, IIT Mumbai (04/2012)
Received second place award in the robotics line race competition held by IIT, Mumbai.

National Service Scheme (NSS) (01/2012)
Volunteered for NSS to spread health and safety awareness in rural districts of India.

SYNAPSE' 11, CBIT (03/2011)
Presented a paper on Bio-encryption, received third place award - 60 teams participated.

VNR, Certificate of Merit (05/2011)
Received a certificate of merit from VNR Institute, for a paper on Bio-encryption.

iEarn India (2008)
Participant of a registered non-profit education and resource network spread across 18 states in India.

Student Environment Congress (2006)
Designed a working model of a rainwater harvesting system.

INTERESTS

Physics   Reading

Rubik's Cubes & Puzzles   Photography

Music   Philosophy   Soccer