Shalini D Channappa

Graduate Student, Software/Web/Mobile developer

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Experienced Software Engineer who can bring a diverse skill set and creative drive to software, web and mobile application development. Seeking a challenging software development opportunity in a dynamic environment where innovation, education and sense of ownership are valued and encouraged.

EDUCATION

Master of Science, Computer Science (GPA: 3.90)
Texas A&M University   [Expected Graduation: May/2018]

Bachelor of Engineering, Computer Science (GPA: 3.00)
Visvesvaraya Technological University   [June/2011]

TECHNICAL SKILLS

- Programming languages - JavaScript, PHP, Java, C, C++, Python
- Databases - Mysql, Sqlite
- Frameworks & Libraries - jQuery, Bootstrap
- Markup & Templating - HTML, CSS, LESS, JSON, XML, Smarty
- Tools - Subversion (svn), Git, Netbeans IDE, Eclipse IDE, Android Studio, IntelliJ Idea, Visual Studio Code, Redmine
- Methodologies - Agile, SCRUM iterative approach, MVC design pattern, Clean Code concepts
- Web - Google, Dropbox, Github
- Operating Systems - Linux(Ubuntu), Windows, Android, IOS
- Other skills, knowledge & experiences - PMP trained & Six sigma yellow belt certified, Shell scripting, Web Applications Design and Development, Software Testing, Debugging, Web Services, Application Programming Interfaces, Mobile Applications Design and Development

WORK EXPERIENCE

Application Engineering Intern, AbasysTech   [Jan/2018 - Present]

- Developed front end for web applications using HTML, CSS, JavaScript, and jQuery.
- Developed websites using wordpress.
- Developed android mobile applications for clients.

Proctor, Academic Exams, Texas A&M University   [Aug/2017 - Jan/2018]

- Student worker, working on campus as a Proctor at the Academic Testing Center (ATC).
- Certified to Proctor national and state level exams such as ACT, CLEP, MAT, TOEFL, LSAT, GED, TExES, PAN, PEARSON VUE, TCEQ, TCOLE licensing examination.

Manager, Risk Investigations, Amazon   [Sep/2012 - Aug/2016]

- Created grease monkey scripts to improve manual investigation efficiency by ~115%.
- Create script to review investigation steps dynamically and enable mistake proofing to improve investigation quality and reduce decision defect.
- Conducted a six sigma yellow belt Kaizen event with business operations, analytics and software development team to determine and build machine learning model and variable to reduce incoming volume by 45% and saved $7.5 MM.
- Created dashboard for Amazon.in category management team using ETL jobs.

Software Engineering Intern, E-Surveying Solutions   [Sep/2011 - Feb/2012]

- Handled search engine optimization(SEO) for the company's website, resulting which the website managed to top the google search in survey related software.
- Performed Manual Testing on newly launched software, technical content writing for upcoming software releases and web content development.

Software Engineering Intern, HAL   [Jan/2011 - Feb/2011]

- Worked on a web application by creating handcrafted user-interface using HTML and CSS
- Worked on few issues on the server side which uses .Net and Oracle DB.
- Performed manual and automation testing using Selenium.

PROJECTS

- **Bus Tracking Android Application:** Developed an android application which uses the GPS function to provide real time tracking of the college bus enabling students to track the location of the bus.
- **Machinery Registry:** Delivered a web application which logs the incoming machinery parts and provides the admin with add and remove functions and users with viewing functions, programmed using .Net and Oracle for Hindustan Aeronautics Limited, a government-owned organization, governed by Indian Ministry of Defense.
- **Ecommerce Web Application:** Developed an static e-commerce web application which provides user interface to customer where they can login to the portal, browse through product listings and add to cart features using Java servlets and HTML.
- **The Help** - Developed an Android application which can be used for two main purposes. One, find nearest emergency places like hospitals, police stations with a click of a button.

Two, broadcast distress alert messages to friends and family by shaking the phone. It was the final year project of my undergraduate course.

- **Web tracker** - Worked on the web application which is similar to Google analytics, it can be used to track users' activities on company websites.
- **What-To-Wear** - Developed the Android application which is capable of recommending apparels/dress to wear based on the location and weather conditions.
- **GM-Shop** - Built the Online Games & Movie store as a part of the Database Systems course at Texas A&M University.
- **Elevation - Nonprofit Web Design (Clone) -** This project was carried out by Toucans-06, a team of beginning web development learners brought together by the Chingu Voyage 3 Cohort.

AWARDS

- Awarded as the best new hire trainee from a batch of twelve in Amazon.com in 2013.
- Received 6 employee of the month awards from Amazon.com.
- Awarded as the best Quality auditor during my tenure as quality auditor in 2014.
- Above and beyond awards in Q1 and Q3 2015 from Amazon.com.
- Recipient of 2018 Grow with Google Developer Challenge Scholarship.