SARWESH KRISHNAN

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EDUCATION

Texas A&M University **College Station, Texas**
Master of Computer Science *Aug'18 - May'20(expected)*

National Institute of Technology **Tiruchirappalli, India**
Bachelor of Technology, Instrumentation and Control; GPA: 8.28/10 *Jul'12 - May'16*

RELEVANT SKILLS

- Programming languages: C++, C#, HTML/CSS, JavaScript, Node.js, Python
- Frameworks: Angular, Express, WPF
- Tools: Git, Jenkins, TFS, Visual Studio
- Coursework: Data Structures and Algorithms, Computer Networks, Neural Networks and Fuzzy Logic, Artificial Intelligence, Software Engineering

EXPERIENCE

Fidelity Investments **Chennai, India**
Software Engineer *Jul'16 - Jul'18*
1. Enhanced a Windows Presentation Foundation application used by 20,000+ customer representatives
2. Integrated experiences like Voice Biometrics and Two-Factor Authentication systems within applications
3. Employed the Software as a Service architecture by developing Windows Communication Foundation services
4. Migrated legacy .NET applications to Angular-Node.js technology stack; also assisted in end-user training

Fidelity Investments **Bangalore, India**
Software Engineering Intern *May'15 – Jul'15*
1. Collaborated with the Infrastructure team to store vital server logs in an Hadoop Distributed File System
2. Developed producer and consumer scripts in Python for publishing/retrieving server logs via Kafka
3. Improved ETL processes from Hadoop HDFS by creating a data aggregation pipeline using Apache Spark
4. Created a visualization/reporting tool using Tableau for rendering live server usage stats

PROJECTS

Fantasy Cricket League *https://github.com/sarweshkrishnan/pplv2*
- Developed a fantasy cricket league for 2015 Cricket World Cup; the league was hosted as part of Pragyan'15, NIT Tiruchirappalli's techno-managerial festival
- Designed gamification algorithms based on player performances in the World Cup matches

Pragyan - Content Management System *https://github.com/delta/pragyan*
- Developed the Forms module in Pragyan CMS, a modular open-source Content Management System
- Created reusable standardized CSS design templates

GPS Navigator
- Fabricated an IoT enabled device to direct its users to desired destinations
- Created a web service which integrated with the Google Maps API to track the real-time position of user

POSITIONS OF RESPONSIBILITY

Head of Web Operations, Sensors'16
Lead a team of 5+ student programmers for developing applications for Sensors, NIT Tiruchirappalli's national-level technical symposium. The 2016 edition of Sensors saw an unprecedented amount of website traffic and 1000+ user registrations.

Core Member, Delta Force
Collaborated in numerous web development projects as part of Delta, NIT Tiruchirappalli's programming club. Was instrumental in developing many web applications/services for the University.

Volunteer, National Service Scheme
Participated in multiple school restoration activites conducted by National Service Scheme, India.