

# Arjun Pandiyan

Sr. Software Engineer @ Coursera

1979 Mahuron Circle, San Jose, CA 95133

[pandiyan.arjun@gmail.com](mailto:pandiyan.arjun@gmail.com)

+1 (214) 918 6801

“Seeking a highly impactful opportunity to change the world for the better with expert teammates”

## Work Experience

### Sr. Software Engineer at Coursera

April 2016 - Now

- ★ Working with a small agile team to build reliable microservices with high availability deployed daily
- ★ Setting up infrastructure, monitors, alerts for all production systems/services with measurable quality
- ★ Built AI powered chatbots and ML ticket categorization to scale customer service for millions of learners
- ★ Built and managed infrastructure projects to build, test, deploy backend applications on AWS

### Sr. Software Engineer in CI/CD at Intuit

April 2014 - March 2016

- ★ Migrated 7000+ developer code from P4 to GitHub without downtime
- ★ Built CI pipeline with Chef/CFN scripts to bring up AWS Jenkins instances and orchestrator
- ★ Worked on Chef scripts/tests to measure and report accuracy of Infrastructure as Code after deployments
- ★ Tested AWS Code Deploy for a few customers to identify alternative deployment strategies

### Software Engineer Tools at Zynga

Oct 2012 – Mar 2014

- ★ Responsible for design & implementation of behavior & performance measurement API in Farmville and CastleVille Legends studios in Flash, Unity web player, iOS and Android platforms.
- ★ Responsible for mentoring and bringing team members up to speed on new technologies used in Zynga.
- ★ Prototyped and proved record replay game features on mobile devices to measure performance
- ★ Worked on next gen Mobile Device lab that is capable of running perf scripts on iOS/Android games.

### Software Engineer .NET at E-Guide Services

Sep 2010 – Sep 2012

- ★ Built a CRM to manage TV and Advertisement distribution across motels/hotels in the United States
- ★ Built and managed public facing corporate website that showcases products and gathers customer requests
- ★ Responsible for backend design, implementation and test

### Software Engineer Intern at Horizon Wind Energy

Jun 2010

- ★ Enhanced intranet web app to monitor and highlight windmill performance graphs.
- ★ Designed and implemented a Map Application in C# (Silverlight) with ArcGIS server backend for locating wind farms across North America.

## Skills & Expertise

Languages	Java, Scala, Python, ReactJS, HTML, CSS, JS,
Test/Build	Maven, SBT, JUnit, TestNG, Jenkins, Nexus, Artifactory
Database	MS SQL Server, MySQL, NoSQL (Cassandra)
Performance	JMeter

## Education

University of Texas at Dallas	December 2010
Master of Science in Computer Science	GPA: 3.55/4
Anna University, India	May 2008
Bachelor of Engineering in Computer Science	78%