

Akshay Karthik

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EDUCATION

George Mason University

2013 - 2016

Bachelor of Science (B.S.) , Computer Science, (Mathematics Minor)

Student-Run Computing and Technology

SKILLS

- Python
- Django
- Solr
- Amazon SQS
- JavaScript
- Programming
- C++
- HTML
- Web Services
- Java
- Flask
- Couchbase
- Amazon S3
- C
- Teamwork
- Software Development
- Amazon Web Services (AWS)

EXPERIENCE

Gannett

09 / 2014 - Present

Software Developer

Worked with cross functional teams, developing APIs that are used in the USAToday mobile apps and desktop websites. Developed Python (Django and Flask) applications. Interfaced with Paas services like Amazon AWS (S3, SQS) and using tools like Solr, RabbitMQ, and Couchbase.

Developed HTTP+Rest APIs that serve many different consumers power applications serving millions of customers a day. Performed performance analysis and optimized critical systems from 5.2 seconds per transaction to 1.4 second per transaction.

Gannett

06 / 2014 - 08 / 2014

Software Development Intern

Helped maintain existing Python (Django and Flask) applications. Interfaced with infrastructure services like Amazon AWS (S3, SQS) and used tools like Solr, RabbitMQ, Couchbase.

Worked with Oculus rift and developed Harvest of Change, an experiment in utilizing virtual reality to display news. <http://www.desmoinesregister.com/pages/interactives/harvest-of-change/>

LANGUAGES

- Tamil (Native or bilingual proficiency)
- English (Native or bilingual proficiency)