

SHIVAM SINGH

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EDUCATION

STONY BROOK UNIVERSITY, NY

Dec 2020

Masters, Computer Science

Current Courses: Distributed Systems, Network Security, Computer Networks

Graduate Teaching Assistant: Mentored undergraduate students on 'Introduction to Computational and Algorithmic Thinking'

KIIT UNIVERSITY, Bhubaneswar, Odisha, India

May 2013

Bachelor of Technology in Computer Science & Engineering

- Cumulative GPA: 7.85/10.0
- Founder & President: Web and IT Society; Organizing Committee Member: Indian Science Congress, Literary Society

EXPERIENCE

BLOGVAULT INC, Bangalore, India

2013 - 2019

BlogVault is a company dedicated to making website backups and security easy, and efficient.

Senior Software Engineer

Responsibilities & Impact

- Developed industry-leading automated tool to migrate websites from one server to another. Partnered with 20+ premium hosting companies to migrate ~300K websites
- Led implementation of event driven architecture comprising of generators, channel and consumers. Architecture resulted in decoupled generators and consumers, enabling cleaner and scalable distributed system
- Built product dashboard which provided holistic view of website backups and security, increased average user session duration by 60%
- Built subscription platform that supports custom pricing, customizable billing frequencies and dunning on multiple payment systems like credit card, paypal and wire transfers, reducing churn rate by 40%
- Designed client reporting system that allowed users to generate customizable white-labeled reports about website activities and changelog
- Spearheaded the implementation of affiliate management system that offered precise conversion tracking, generating cumulative revenue of \$100K
- Developed tools to remotely manage plugins, themes, and users on multiple WordPress websites. The tool helped save 10K man-hours of work in maintenance of more than 240K sites within first 2 months

Initiatives & Achievements

- Championed growth of company as the first hire, resulting 20X overall growth
- Enabled GDPR compliance by auditing stored data and worked with cross-functional teams to improve processes
- Implemented Scrum methodology for software development which improved project on-time completion rate by 65%
- Led initiatives to forge two new partnerships for BlogVault, boosted revenue by 80%
- Conducted campus recruitment drives; designed onboarding modules for new engineers and mentored them on company's tech stack

MOBIQUEST MOBILE TECHNOLOGIES, Noida, UP, India

Summer 2012

Summer Intern

- Developed cross-platform mobile application using PhoneGap; optimized screen rendering for 10+ mobile devices

OPEN SOURCE PROJECTS (github.com/singhshivam)

- GAEVENTS: a Ruby gem to send multiple user interaction events to Google Analytics; 2000+ downloads
- RUBY-CURL: a true libcurl binding for Ruby; 900+ downloads
- REACT EXTERNAL IMAGE: a React Component to load external images. Allows fallback image URLs as option
- Immutable Js Examples: a GitHub gist containing easy to understand examples of immutable js; 100+ stars

ADDITIONAL

- **Technical skills:** 5+ years: Ruby/Rails (top 1% answerer for Ruby on StackOverflow), Javascript, GIT, HTML/CSS, MYSQL; 4+ years: React, Redux, Webpack; 1+ years: Python, Golang
- **Volunteering:** WordCamps at Philadelphia, New York City, Mumbai and Nashik; WordPress translation; WordPress training group; Speaker at WordCamp Nashik 2016; delivered talk on "State of WordPress Security - today & beyond"
- **Interests:** Avid motorcycle rider, completed 16 days adventurous tour of Himalayas covering 1600+ miles; Admirer of rock 'n' roll, crafted Spotify playlist 'Best of Acoustic Rock' having more than 3000 followers