

Rohit Jha

WORK EXPERIENCE

Senior Software Engineer

GoDaddy | April 2019 – Present | Carlsbad, CA

- Leading the design and development of several critical features for the GoDaddy Conversations product
- Collaborating across teams and organizations at GoDaddy, and with external organizations at AWS, Twilio, Facebook, Google, etc.
- Evaluating and recommending programming languages and frameworks

Software Engineer

GoDaddy | July 2017 – March 2019 | Carlsbad, CA

- Worked as a backend developer to migrate GoDaddy SmartLine's backend and telephony infrastructure to the public cloud (GCP and later AWS)
- Improved the scalability, security, performance, availability and operational expenditure of SmartLine and other internal open-source projects

Software Engineer Intern

Lytix | June 2016 – August 2016 | San Diego, CA

- SaaS development using AngularJS on the front-end, Node.js, .NET Framework and SQL Server on the back-end
- Improved software reliability by migrating code to latest Node.js versions, reviewing code, and writing automated unit and E2E tests

Developer

Tata Consultancy Services | November 2013 – June 2015 | Mumbai, India

- Developed, enhanced and provided support for infrastructure and applications developed in Java and .NET Framework
- Significantly improved infrastructure and applications' robustness, efficiency and reliability

SELECTED PROJECTS

A DSL for Garbled Circuits

A domain-specific language that allows secure creation and application of garbled circuits for secure function evaluation

Automatic Parallelization of C Programs

A tool which converts C programs into parallelized, functionally equivalent versions tailored for cluster, multicore and GPU computing

Fitness Bands for Health Outcomes

A software that collects data about users' activities from fitness bands, analyzes this and displays results to them and their doctors

Dataflow Analysis Framework for LLVM

A framework that performs various static and dynamic program analyses on LLVM IR code and generates optimized IR code

DiMPL - Discrete Mathematics Programming Language

A DSL built on Haskell that provides a library of functions and an accurate notation for set theory, graph theory, logic, number theory and combinatorics

Performance Prediction using Data Mining

A web application that applies data mining algorithms to predict the future performance of freshmen throughout their college years

CONTACT INFO

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EDUCATION

MS in Computer Science

University of California, San Diego, USA

Sep 2015 - June 2017

BE in Computer Engineering

University of Mumbai, India

July 2009 - May 2013

SKILLS

Cloud Computing

Amazon Web Services (AWS) • Google Cloud Platform (GCP) • Microsoft Azure • Kubernetes • Helm • Microservices • Serverless • Functions-as-a-Service (FaaS)

Programming Languages

Go • C# • Python • Java • JavaScript • TypeScript • Groovy • Bash • Rust • C • C++ • x86 Assembly

Databases

Amazon DynamoDB • MongoDB • Google Datastore • MySQL / MariaDB • SQLite • PostgreSQL • MS SQL Server • Oracle Database

Frameworks & Libraries

.NET Core • Flask • Django • FastAPI • Fiber • Gin • Gorilla • Node.js • Spring

AWARDS

2021	GoDaddy WowMe Award
2020	GoDaddy Get Sh*t Done Award
2019	GoDaddy WowMe Award
2015	TCS On The Spot Award
2015	Best Dow Reliability Success Story
2015	TMS Best CIP of the Quarter
2015	TCS On The Spot Award
2014	Dow Reliability Ambassador
2014	Best Dow Reliability Success Story
2014	TCS On The Spot Award
2014	TCS Initial Learning Program Kudos
2014	TCS LIREL