

# NINGSUHEN WAIKHOM

Full-Stack Generalist with up-to-date programming and software engineering methodologies like Agile, TDD, BDD. Expertise in rapid web development, performance engineering & Devops. Broad understanding of various areas like UX Design, Machine Learning, Natural Language Processing, Cloud Computing & Entrepreneurship. Contributor of [LoopbackJS](#) framework and other open source projects.

## EDUCATION

### MANIT BHOPAL, INDIA

Bachelor of Technology // 2005-2009

Computer Science & Engineering

SGPA - 7.9/10

## TECHNOLOGIES AND SKILLS

**Javascript/NodeJS** (Full Stack  
LoopbackJS, AngularJS, jQuery, ...)

**Core Java** (+Jackrabbit, Day CQ)

**Python** (Django)

**HTML/HTML5, CSS** (Bootstrap)

**PHP** (CodeIgniter, Laravel)

**Ruby**(Rails, Chef)

**MongoDB**, MySQL, PostgreSQL

**BDD/TDD** (Mocha, Protractor,  
Selenium), Markdown

**AWS** Automation (boto, libCloud)

**Swift** & Objective-C (iOS)

Docker, Chef & Capistrano

Video Streaming (HLS/HDS/mpegts)

Machine Learning

Linux & Shell (Bash Scripting)

Continuous Integration & Delivery

Performance Engg. (The Grinder)

Photoshop & UX Design

## ACTIVITIES

- Playing TT, Badminton, Tennis, Football, 8 ball Pool & Ice Skating
- Traveling
- Counter Strike & CSGO
- Cooking

## ACHIEVEMENTS

1. **Organizer & Runner Up of Adobe TT Tournament 2014**. Winner of Inter-corporate & college Tournaments

2. **Two times Winner of Robotics** in TechnoSearch 2006 (MANIT Bhopal) and Nexus 2006 by IIT Bombay.

## WORK EXPERIENCE

### INDIE DEVELOPER/FREELANCER // Oct 2014 - Present

- Developed Backend and Front-end(Admin dashboard) of [JustMove App](#) using NodeJS, MongoDB, RabbitMQ & Google Fitness API.
- Developed Continuous Integration & Deployment System for JustMove App using Codeship, Elastic Beanstalk.
- Monitored New Relic and fixed performance Bugs in Open Source project StrongLoop [Loopback](#).
- Developed an iOS Application called [NewPhonebook](#) with advanced Search, Contacts Cleanup and backup tools (iCloud, Google Drive & Dropbox support).

### TREEPIE TECHNOLOGIES PVT. LTD. // May 2014 - Sept 2014 *Co-Founder*

- Developed Full-Stack Web application & iOS app of [lukup.me](#) which integrates with Facebook, Google Plus, LinkedIn, Twitter.
- Analyzed various APIs - Facebook Graph, Google Plus, Twitter, LinkedIn and came up with a REST API specification which incorporates the best conventions.
- Developed Continuous Integration & Delivery System & Monitoring System. Enforced Behavior Driven Development for Server Side and Web Applications.

### ADOBE SYSTEMS INDIA PVT. LTD. // Jan 2011 - April 2014

#### *Software Engineer -> Lead Software Engineer*

- Developed several prototypes of Video Streaming Solutions for clients using Day CQ & Adobe Media Server.
- Developed a Continuous Integration & Deployment Pipeline which allows rapid deployment into AWS infrastructure along with UI (Selenium) and Integration testing.
- Developed a Performance Console (Web Interface) which can spawn and run performance tests from 100s of AWS instances as clients. The tool is still in use in Adobe for performance testing.
- Initiated BDD(Behavior Driven Development) in the Team.
- Developed a Web Application for Internal Table Tennis Tournament with gamification using Django & BackboneJS.

### AMDOCS DEVELOPMENT CENTRE INDIA // May 2009 - Dec 2010

#### *Subject Matter Expert*

- Fixed several critical and obscure bugs of CRAMER and ASMS products.
- Developed Tools for automating various repetitive tasks in the Team using Java JMS & VBScript.
- Developed an Internal Web Console for reporting activities and