

+91 9653901085

# DAMANPREET SINGH

 [@fumblehool](#)  
[daman.4880@gmail.com](mailto:daman.4880@gmail.com)

## WORK EXPERIENCE

---

**Software Engineer** **Intangles Lab** **Oct 2019 – present**

- Reduced fuel consumption by 4% by implementing service based automated reminders.
- Designed and implemented a web based driver management system to monitor driver performance.
- Improved on-time performance by designing a live-tracking route management system.
- Automated MongoDB backups by implementing a backup management system using Python3.
- Implemented DBMS using AWS S3 as storage to access archived data.
- Built a Web App for the dev team to manage remote PM2 instances using socket.io.
- Reduced EC2 costs by 10% using SpotFleet with Nomad workload orchestrator to utilize cluster capacity.

**Software Engineer** **InTouchApp** **Jun 2018 – Oct 2019**

- Implemented and maintained real-time chat system handling >60k active sessions.
- Reduced operational costs by 20% by migrating services to Kubernetes.
- Increased user interaction by implementing async automated drip communications.
- Automated build and deployment by implementing Docker image based pipelines.
- Reduced downtime by 30% by improving monitoring and re-designing services.
- Increased revenue by implementing subscription plans using Paypal and Razorpay payment gateways.

**Software Engineer Intern** **Crowdfire** **Jul 2017 – Dec 2017**

- Built a React based Web App for admin access to help the customer support team.
- Reduced application load time by 40% using bundle splitting.
- Improved support resolution time by designing and implementing team messaging using Django.

## OPEN-SOURCE PROJECTS

---

- [MaximusThree](#) Gnome Extension to remove windows title bar. JavaScript
- [Pals-Around](#) Twitter-like social networking platform. Node.js (express), MongoDB, Docker
- [Note-Keeper](#) Web Application to add tags and messages to starred GitHub repositories. React Js, Flask, MySQL db
- [Picsaver](#) Web application to save Instagram images. React Js, Python(flask), Instagram API
- [Updateme](#) Web application to view interest based news. Python (Django), Rss Feed (Times of India)
- [Healthy-habits](#) Google Chrome extension to provide health tips. JavaScript
- [Smallify](#) Social media conversion tool - url shortener & add custom CTA. React Js, Python (flask), MySQL db

## EDUCATION

---

**Ludhiana, Punjab** **Guru Nanak Dev Engineering College** **Jul 2014 – Jun 2018**

- B.Tech in Information Technology, 81.55%

## LANGUAGES AND TECHNOLOGIES

---

- **Languages:** Python, JavaScript, C++, Java (basic)
- **Tools:** Docker, Kubernetes, Vagrant, VS Code, Vim, Git
- **Databases:** MySQL, InfluxDB, Elasticsearch, Redis, MongoDB
- **Cloud Providers:** AWS, DigitalOcean, GCP(basic)