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## DAMANPREET SINGH

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### WORK EXPERIENCE

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| <b>Software Engineer</b> | <b>Intangles Lab</b> | <b>Oct 2019 – present</b> |
|--------------------------|----------------------|---------------------------|

- 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 BOM (Bill Of Material) generation to drive continuous sales.

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| <b>Software Engineer</b> | <b>InTouchApp</b> | <b>Jun 2018 – Oct 2019</b> |
|--------------------------|-------------------|----------------------------|

- Reduced operational costs by 20% by migrating services to Kubernetes.
- Implemented and maintained real-time chat system handling >60k active sessions.
- Increased user interaction by implementing automated drip communications using async task based approach.
- 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.

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| <b>Software Engineer Intern</b> | <b>Crowdfire</b> | <b>Jul 2017 – Dec 2017</b> |
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Unified Admin Console

- Built a React based Web App for admin access to help the customer support team.
- Reduced application load time by 40% using webpack bundle splitting.
- Improved support resolution time by designing and implementing team messaging using Django.
- Increased maintainability by refactoring codebase from ES5 to ES6.
- Redesigned user interface and implemented reusable custom react modal components.

### PROJECTS

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- **GnomeExtensionMaximusThree (Open Source)** An open sourced Gnome Extension which removes the title bar on maximised windows.
  - **Pals-Around** Twitter-like social networking platform. Node.js (express), Mongodb, Docker
  - **Note-Keeper** Web Application to add custom tags and messages to starred GitHub repositories. React Js (front-end), Python (flask), MySQL db
  - **Picsaver WebApp** Web application to save Instagram images. React Js(front-end), Python(flask), Instagram API
  - **Updateme** Web application to view interest based news. Python (Django), Rss Feed provider (Times of India)
  - **Healthy-habits Chrome Extension** 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

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|-------------------------|---|----------------------------|
| <b>Ludhiana, Punjab</b> | <b>Guru Nanak Dev Engineering College</b> | <b>Jul 2014 – Jun 2018</b> |
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- B.Tech in Information Technology, 81.55%

## LANGUAGES AND TECHNOLOGIES

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- **Languages:** Python, JavaScript, C++, Java (basic)
- **Tools:** Docker, Kubernetes, Vagrant, VS Code, Vim, Git
- **Databases:** MySQL, InfluxDB, Elasticsearch, Redis, Neo4j, MongoDB
- **Cloud Providers:** AWS, DigitalOcean, GCP(basic)