Ludhiana, Punjab, India

DAMANPREET SINGH

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WORK EXPERIENCE

Software Engineer   **InTouchApp**   **Jun 2018 – present**

- Reduced operations cost by 40% by migrating services to Kubernetes.
- Achieved > 96% uptime by implementing automated monitoring alerts and re-designing services.
- Implemented and maintained real-time chat system which can handle more than 90k active sessions
- Increased customer interaction by implementing config based automated drip communications using async task based approach.
- Implemented read-time mark as read/unread feature by extending mqtt support to provide better UX.
- Automated build and deployment by implementing Docker image based Build pipelines.
- Increased app performance by re-structuring table schema and migrating over 1 billion data rows.

Software Engineer Intern   **Crowdfire**   **Jul 2017 – Dec 2017**
Unified Admin Console

- React JS Web App for admin access to help customer support team.
- Reduced the application's loading time by 40% by implementing webpack bundle splitting.
- Improved support resolution time by adding team messaging for support agents.
- Increased maintainability by refactoring codebase from ES5 to ES6.
- Redesigned user interface and implemented reusable custom react modal components.

Trainee   **Testing and Consultancy Cell, GNDEC**   **Jun 2016 – Jul 2016**

- Implemented GithubStarredRepos: app to manage starred GitHub repositories.

EDUCATION

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

- B.Tech in Information Technology, 81.55%
- Coursework: Data Structures; Algorithms; Object Oriented Programming; Web Technologies; Operating Systems; Databases; Computer Networking;.

TECHNICAL EXPERIENCE

Projects

- **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.

Languages and Technologies

- C++, C, Python, PHP(basic), Java, JavaScript
- React Js, Flask, Docker, Kubernetes
- Visual Studio Code, Sublime Text, Vim, Git, Vagrant
- MySQL DB, InfluxDB, Elasticsearch, Redis, Memcached, Neo4j
- Celery, VerneMQ, RabbitMQ
- AWS, DigitalOcean, GCP(basic)