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DAMANPREET SINGH

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WORK EXPERIENCE

Software Development Engineer - II   **Original4Sure**   **Jun 2021 – present**

- Implemented and maintained webhook system delivering >70k payloads per day.
- Improved application security by building a microservice for RBAC.
- Reduced Production Issues by 30% by implementing Docker based Unit & integration testing framework.
- Reduced downtime by 10% by improving monitoring and re-designing services.
- Reduced Infra cost by 4% by using Hashicorp Nomad with AWS Spot Fleet.
- Designed and implemented web based Order Manager to enable ERP integrated Production.

Software Engineer   **Intangles Lab**   **Oct 2019 – Jun 2021**

- 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.

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

- 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 async automated drip communications.
- Automated build and deployment by implementing Docker image based pipelines
- 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 webpack 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

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, TypeScript, Go (Basic)
- **Tools:**   Docker, Kubernetes, Vagrant, VS Code, Vim, Git, Nomad,
- **Databases:**   MySQL, Elasticsearch, Redis, MongoDB
- **Cloud Providers:**   AWS, DigitalOcean, GCP(basic)