

Govind Singh

Senior Software Engineer

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🌐 [connectgovinds \(https://www.linkedin.com/in/connectgovinds\)](https://www.linkedin.com/in/connectgovinds)

🐙 [guruor \(https://www.github.com/guruor\)](https://www.github.com/guruor)



Results-oriented and versatile Backend Developer with 8 years of experience in developing and managing complex backend architectures and robust digital products. Proven track record of leading development teams in enterprise-wide projects, with a focus on quality, delivery, and reliability. Formerly with CoinSwitch, UrbanPiper, and Cartoon Mango Digital. Passionate about automating repetitive workflows and enhancing operational efficiency. Skilled mentor, having guided over 10+ team members. Strong time management skills and commitment to delivering high-quality solutions. Skilled in Python, JavaScript, Golang, Rest APIs, Docker, GIT, AWS, Pipelines and Grafana.

SKILLS

Languages

Python | JavaScript | Golang | C | Rust

Frameworks

Django | Flask | ExpressJS | Gin

Databases

PostgreSQL | MYSQL | MongoDB |
Firebase | ClickHouse

Tools

Git | Vim | Docker | Nginx | Grafana |
Redash | Jira | Redis | CI Pipelines

Other

Leadership | Time Management

WORK EXPERIENCE

Dec 2021 - Current

Senior Software Engineer at PeepalCo (CoinSwitch)

📍 Bengaluru, India 🌐 <https://peepal.co/>

- Developed and maintained a dedicated service for fee and discount management, provided more flexibility of configuring fee and discounts for different assets
- Developed offer generation module for better flexibility feein/feeout construct, it stored the structured details of various stages of fee, discount, GST and TDS for better audit and tracibility.
- Contributed towards the relibility by preparing multiple SOPs and dashboards, resulted in faster incident response times.
- Created comprehensive documentation of various in house services, reduced onboarding time for new hires by 40%
- Conducted training sessions, promoting best practices and reducing code defects by 15%.

Dec 2019 - Nov 2021

Senior Software Engineer at UrbanPiper Technology Pvt Ltd

📍 Bengaluru, India 🌐 <https://www.urbanpiper.com/>

- Evaluated product requirements, specifications and developed product modules.
- Learned and used OLAP databases and GraphQL.
- Developed django management commands to ease up the redundant tasks.
- Provided regular feedbacks on using best practices wherever required.
- Contributed in imporoving test coverage of multiple products.
- Converted existing Django SSR project into GraphQL based APIs.

Feb 2016 - Nov 2019

Senior Software Engineer at Cartoon Mango Studios

📍 Bengaluru, India 🌐 <http://www.cartoonmango.com/>

- Evaluated project requirements, specifications and developed software applications that surpassed client expectations.
- Worked with project managers, developers, quality assurance and customers to resolve technical issues.

- Discussed project progress with customers, collected feedback on different stages and directly addressed concerns.
- Introduced methodologies and best practices to software development division to enhance product definition and application customization.
- Trained and mentored junior developers and engineers, teaching skills in JavaScript and working to improve overall team performance.

PROJECTS

Atlas

Dec 2019 - Current

<https://atlas.urbanpiper.com/>

Skills acquired: Python Django | ClickHouse | SQLAlchemy | MySQL | GraphQL | RazorPay | Pytest | Github Issues | Time Management | Code Review

- Learned OLAP databases, migrated existing analytics solution from Exasol to ClickHouse DB.
- Ingested MySql data into ClickHouse using Airflow ETL.
- Designed the core architecture of Invoice Processing module. A module to send periodic notifications and collect payments for invoices created in QuickBooks for the merchants.
- Developed periodic tasks with RQ worker to maintain active auth token and to send periodic notifications.
- Developed django management commands to ease up the redundant tasks.
- Integrated Razorpay payment links
- Learned GraphQL and applied it while migrating existing SSR based CRM product to APIs.
- Documented the critical parts of the codebase
- Reviewed pull requests

Portea

Aug 2019 - Aug 2019

<https://www.porteaincontrol.com/>

Skills acquired: Node Express Js | MySQL | Knex | Docker | Gitlab CI/CD | Leadership | Time Management | Code Review | Swagger

- Designed the core architecture of the project.
- Managed a team of 2 developers
- Reviewed pull requests
- Handled code deployment with Docker and Gitlab CI/CD

Medvisor

Dec 2018 - Apr 2019

<https://www.medvisor.com/>

Skills acquired: Node Express Js | MySQL | Sequelize | Bash | Sharp | FFMPEG | Docker | Puppeteer | Headless Chrome | Bitbucket pipeline

- Designed the core architecture of the project.
- Prepared Node.js ES6 boilerplate with Sequelize.
- Developed 3 different portal Patient, Hospital and Admin, Each as a microservice communicating with each other using the HTTP protocol.
- Prepared an image scale utility with Sharp
- Prepared a video scale utility with FFMPEG
- Prepared a pdf converter utility with Puppeteer and Headless Chrome
- Did bitbucket pipeline setup
- goCash payment gateway integration

Cricket.com

Jul 2018 - Dec 2018

<https://www.cricket.com/>

Skills acquired: Node Express Js | MongoDB | Firebase | Mongoose | Redis | Bash | Docker

- Designed the core architecture of the project.
- Developed CRUD APIs for authentication, league, event, match, team, player, articles modules.
- Worked on cronjobs to trigger events when the game status changes.
- Worked on firebase socket for realtime updates and notifications.
- Used Redis for caching scorecard data.
- Used Redis as a message broker between the API server and the Java parser (Parser was responsible for getting data from third parties like cricketapi, opta, etc and storing it to DB and Redis)
- Managed code deployment using Docker.

Machine & Motors

Mar 2017 - Jan 2018

<https://www.machinenmotor.com>

Skills acquired: Python Django | JQuery | MySQL | AWS S3 | AWS SES | AWS SES | PIL | FFMPEG | Nginx | Bash | Pdftkit | wkhtmltopdf

- Wrote the Buyer module APIs i.e. authentication, Cart and wishlist management.
- Wrote order and review management module.
- Developed product inventory module which includes Product CRUD, Product media uploads and scaling.
- Developed deployment script and Cron Jobs for auto backup.
- Generated pdf invoice with pdftkit.
- Instamojo payment gateway integration

EDUCATION

2014 - 2016

Master Computer Application at Vellore Institute of Technology, Vellore

2010 - 2013

Bachelor Computer Applications at Mohan Lal Sukhadia University, Udaipur

LANGUAGES

Hindi

English

INTERESTS

Entertainment

Mentoring

Skills acquired: Movies | Tv Series