

# Keshav Bathla

Portfolio: [import-keshav.github.io](https://import-keshav.github.io)  
Github: [github.com/import-keshav](https://github.com/import-keshav)  
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## EDUCATION

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- **Jaypee Institute Of Information And Technology** Noida, India  
*Bachelor of Technology - Electronics And Communication Engineering* *July 2017 - May 2021*

## EXPERIENCE

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- **CoinSwitch** Banglore, India  
*Senior Software Engineer* *January 2022 - Present*
  - **Architect:** Created and Architect a Dedicated payments microservice to handle payments for all investing asset class.
  - **Scalability:** Scale Microservice to 1000 Transactions Per Minute with minimum latency.
  - **CodeQuality:** Refactor old service codebase to make more maintainable and scalable code.
  - **Configurable:** New Payments is so much configured, that any new payment gateway can be integrated with 10-15 min.
  - **Portfolio Analysis:** Created a Portfolio Analysis system, that give them info about, How their portfolio performed over the past X days, wrt market.
  - **Payments Integration:** Handling Payments service, so that Payments options always remain up 24\*7.
  - **BugFixing and New Features:** Secured Payments flow by fixing all bugs in day-to-day operations.
- **Blinkit (Grofers)** Gurugram, India  
*Software Engineer* *March 2021 - December 2021*
  - **Consumer Engineering:** Working in consumer engineering team, responsible for displaying products on grofers app.
  - **Product Listing Service Migration:** Migrating Product Listing Microservice from Python2 to Python3 and from Flask to FastAPI framework
  - **Scaling:** Reduce latency of Product Listing Service from 1000 ms to less than 100 ms which helps to scale the service to more than 20M users
  - **BugFixing and New Features:** Fix existing bugs on grofers app and implement new features like Instant Replacement for FNV items
  - **Code Migration and Performance:** Migrate Grofers Tech Dept from Legacy service to new Product Discovery Microservice and improve performance of existing endpoints by removing bottlenecks
- **Freelancer** Remote  
*Software Engineer* *May 2020 - October 2020*
  - **Mboaservices:** Engineered backend system for a restaurant aggregator and food delivery platform.
  - **Rassoi:** Design and Implement a backend system for a platform to provide the best homemade food to your doorstep.
  - **Xavier:** Developed a website for St.Xavier's High School, to provide study material, new announcements, and many more things to the students.
- **Farziengineer** Noida, India  
*Software Engineer Intern* *Oct 2019 - April 2020*
  - **Socbays:** Constructed an e-commerce platform for soccer players.
  - **Actively:** Designed and Programmed Platform for gym freaks to track their progress and maintaining their schedule.
- **Oppia (Google Summer Of Code)/ Contributions** Remote  
*Student Developer* *October 2018 - June 2019*
  - **Rendering Speed:** Reduce the rendering speed of oppia pages by 2 secs.
  - **Upgrading Libraries:** Upgrade some 3rd party libraries without breakage of the codebase.
  - **Contributed to Frontend and Backend:** Successfully merged 10+ pull requests.
  - **Member of Various Teams:** Speed improvements, AngularJS Migration

## PROJECTS

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- **KHOJ (Web Development, Machine Learning):** A platform to prevent human trafficking, find someone lost during natural disasters or large gatherings and identifying dead bodies.Tech: Python, Django, HTML, CSS.
- **ICSC IIIT:** Maintaining and adding new updates in ICSC Jiit website, A website for the INTERNATIONAL CONFERENCE ON SIGNAL PROCESSING AND COMMUNICATION

## SKILLS SUMMARY

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- **Languages:** Python, Javascript, Typescript, Go, C/C++, SQL, HTML, CSS
- **Frameworks:** Django, Flask, FastAPI, NodeJs, Gin
- **Tools:** Git, Github, Apache, Grafana, NewRelic, ElasticSearch, Redis
- **Platforms:** Linux, AWS, JIRA
- **Soft Skills:** Leadership, Event Management, Public Speaking, Time Management
- **Computer Science Fundamentals:** Data Structures, Algorithms, System Design, Microservices, OOPS, DBMS, Operating System, Computer Networks,