

Sajandeep Singh - Backend Engineer

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Education

Guru Nanak Dev University. [GNDU]

Punjab, India

Bachelor's of Computer Application. [BCA]

Aug. 2018 – July 2021

Diploma in Web Technologies and Development

Punjab, India

Aug. 2022– Aug 2023

Experience

Net Web Technology PVT, LTD

June 2022 – Jan 2024

In company we had worked on these technologies

Amritsar, India

- Developed a REST API using FastAPI and PostgreSQL to store data from learning management systems
- Developed a full-stack web application using Node js, React, PostgreSQL, MongoDB and Docker to analyze GitHub data
- Explored ways to visualize GitHub collaboration in a company setting

Undergraduate Research Assistant

Sep. 2020– 2021

GNDU, University

Punjab, India

- Testing and Debugging: Conducted rigorous testing to identify and fix bugs, ensuring [quality or performance standards].
- Collaboration: Worked with [4] team members to [Basic Blue Print, Api Intigration, conduct testing.
- functionality, According user Needs]

Node js With Databases and Development

May 2019 – July 2020

GNDU, University

Punjab, India

- Developed and maintained a microservices architecture for a high-availability web application, reducing downtime by 40%.
- Created RESTful APIs to handle user authentication, data retrieval, and payment processing using Node.js and Express.
- Deployed applications on AWS using Docker and managed CI/CD pipelines with Jenkins. Implemented real-time features with WebSockets, enhancing user engagement and interaction on the platform.

Projects

Gitlytics | JavaScript, Node js, React, PostgreSQL, MongoDB, Docker, Kubernetes

June 2019 – Present

- Developed a full-stack web application using with Node js serving a REST API with React as the frontend
- Implemented GitHub OAuth to get data from user's repositories
- Visualized GitHub data to show collaboration
- Used Celery and Redis for asynchronous tasks
- Experience with AWS, Microsoft Azure, Pushpin, and Kafka for managing asynchronous task
- Familiarity with API gateways like 3Scale.

Simple Paintball | Restfull API, Git

May 2018 – May 2020

- Developed a Minecraft server plugin to entertain kids during free time for a previous job
- Published plugin to websites gaining 2K+ downloads and an average 4.5/5-star review
- Implemented continuous delivery using TravisCI to build the plugin upon new a release
- Collaborated with Minecraft server administrators to suggest features and get feedback about the plugin

Technical Skills

Languages : SQL (Postgres), MongoDB, JavaScript, HTML/CSS.

Frameworks : React, Node.js, Express js

Developer Tools : Git, Docker, TravisCI, Google Cloud Platform, VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse

Libraries : Bcrypt, Nodemailer, Passport

Soft-Tools : Microsoft-Excel, Outlook, Photoshop, CorelDraw, PowerPoint,

Soft-Skills : Excellent verbal and written communication skills to convey insights and recommendations clearly. Enthusiasm for contributing to a dinamic team and learning from experience professionals. Quick learner with the Ability to adapt to a fast-paced and evolving work environment. Familiar with SEO, ADS, Advertisement Marketing