

Amit Kumar

Backend Developer

Proficient Backend Developer with 3+ years of experience designing scalable solutions and collaborating with cross-functional teams to deliver high-quality software.

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WORK EXPERIENCE

Backend Developer

App-Knit

09/2021 - Present

Chandigarh

Achievements/Tasks

- Designed backend REST APIs using **MVC architecture**, ensuring modularity and scalability.
- Demonstrated expertise in **Node.js**, **MongoDB** and **AWS** delivering robust and efficient backend solutions.
- Engineered secure APIs by implementing **custom validations** and **authentication middleware**, reducing potential vulnerabilities by 30%.
- Conducted in-depth research and analysis of project dependencies to integrate the latest technologies.

DevOps

App-Knit

06/2022 - Present

Achievements/Tasks

- Automated API deployments using **AWS ECS** and **Docker containers**, accelerating deployment cycles by 50%.
- Executed comprehensive **load testing** and implemented traffic management strategies to ensure seamless performance under high demand.
- Optimized server and database operations by leveraging **Load Balancers** and **Auto Scaling Groups**, achieving a 40% reduction in response time during peak traffic.

Web Development

CodeQuotient

07/2020 - 09/2020

Mohali

Achievements/Tasks

- Gained hands-on expertise in MERN stack.
- Awarded the Kurukshetra University Certificate for completing the web development course.

EDUCATION

B.Tech (C.S.E.)

Kurukshetra University

08/2018 - 07/2022

9.2/10

Higher Secondary

V.P. International School

04/2016 - 04/2018

8.9/10

SKILLS

JavaScript

Typescript

Node JS

Express JS

MongoDB

Docker

MySQL

AWS

Github

GraphQL

Firebase

Stripe

Redis

RabbitMQ

KEY ACHIEVEMENTS

Mentoring & Skill Development

Mentored junior developers, providing hands-on support to help them navigate complex tasks.

Knowledge Sharing & Code Reviews

Facilitated code reviews to ensure high-quality code standards and maintain consistency across projects, offering constructive feedback.

PROJECTS

Shiftbookd (02/2024 - Present)

- A comprehensive appointment scheduling platform for beauty and haircare professionals.
- Implemented **Redis** and **RabbitMQ** for faster processing and improved system performance under high traffic loads.
- Utilized **AWS ECS** to deploy APIs using **Docker** containers, ensuring efficient and scalable deployment through a seamless **CI/CD pipeline**.
- Performed the load testing and handled the load by scaling the server and database using AWS services such as **load balancers**, **Auto Scaling group** etc.

VenMe (08/2023 - 02/2024)

- A reward-based campaign creation platform with integrated point management.
- Integrated **Global Reward Solution** to facilitate efficient point purchase and redemption workflows.
- Integrated **Firebase push notifications** via cron jobs to update users in real-time.
- Successfully implemented stripe subscription and **Stripe** Payment gateway to facilitate seamless purchasing of points.

CERTIFICATES

HackerRank Javascript Skill Certificate
(04/2021)

HackerRank Problem Solving (03/2021)