SAURABH JAYDHAR

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EDUCATION

MB Govt PG College,   **July 2016 - June 2019**
Bachelors of Science   Haldwani, Uttarakhand, India

EXPERIENCE

Next Web Guru, Uttarakhand

Software Developer (Oct 2020 - Jan 2024)

- Technologies Used : TypeScript, Node.js, Express.js, Nest.js, MySQL, MongoDB, Mongoose.

- Developing and optimizing the **Transport Allocation** Backend for a **TMS (Transportation Management System)** .

- Integrating **Redis** caching to improve performance and ensure data consistency.
- Designed an **Image Deduplication System** using hashing, MongoDB, and Bull queues to prevent duplicate odometer up loads in trip management.
- Implemented **Nodemailer** and **Slack** to send automated reports, ensuring timely communication and seamless workflow.
- Implemented **JWT-based authentication** technique to ensure robust security measures within the system. • Designed and optimized high-performance **Backend systems** and **database schemas** for **SQL** and **NoSQL** databases.

- Integrated Firebase for authentication via **Google, Facebook, Apple**.

Koyal Technologies, Mumbai

Full stack Developer (Feb 2024 - Present)

- Technologies Used : JavaScript, Node.js, Express.js, PostgreSQL
- Implemented real-time **data synchronization** between PowerSchool and our internal database, enhancing **data integrity** and **consistency by 50%** .
- Utilized **Redis** for efficient caching and **RabbitMQ** for asynchronous messaging, ensuring reliable and low-latency data synchronization.
- Implemented **Crypto** package for secure **hashing**, enhancing data security and integrity.
- Collaborated with multiple teams to design and implement RESTful APIs, ensuring seamless integration.

PROJECTS

Sundropship (E-commerce) | Javascript, Node.js, npm

- Developed **authentication** part for multiple roles of **user**.

- Implemented the **Support Module** for ticket creation and the **Resource Management Module** to facilitate access to educational resources.
- Developed the **Notification Module** to create **alerts, Announcements** and **Event notifications**.
- Worked with the **architecture** team to create the design views of Application..

Ad-report | Typescript, Node.js, Express.js, MySQL, REST, npm July 2023

- Developed a centralized dashboard to **monitor** and **analyze ads** and **campaign** performance across multiple platforms like **LinkedIn, Google, Facebook, TikTok, Twitter**.
- Implemented **analytics** feature for **tracking website traffic filtering** data based on pages, location, source and browsers.

TECHNICAL SKILLS

- **Programming Languages:** JavaScript, TypeScript, Dart
- **Tech Stack:** React JS, Vue JS, Next JS, Node JS, Express JS, Flutter, Firebase
- **Databases:** SQL (MySQL, PostgreSQL), NoSQL (MongoDB)
- **Tools/Technologies:** Docker, Redis, Swagger, Jira, Git, GitHub, Postma,, Mongoose, Visual Studio Code
- **Concepts:** REST API, Package managers (NPM), Agile Methodology, MicroService, MVC, Authentication &

Authorization
• **Soft Skills:** Communication, Teamwork, Flexibility