

CONTACT INFORMATION

Website: yashmahalwal.github.io

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SKILLS

Languages

Preferred: JS [ES6 and Typescript]

Known: Golang | C++ | Python

General Skills

Version Control | Basic Linux

Environment | Classical and prototypal OOPs | Popular design patterns | Testing, debugging, linting, formatting and other dev practices

Web Frontend Skills

HTML5 | CSS3 | ES6 | Typescript, babel, webpack and other modern toolchains | Modern styling paradigms | React.js Ecosystem | SSR | PWAs and web workers | Integration with various APIs including REST, GraphQL and gRPC architectures | SVG Morphing and animations

Web Backend Skills

Node.js and npm ecosystem | Data serialization formats (JSON & Protobuffers) | DBMS – SQL (MySQL) and NoSQL (MongoDB & Redis) | WebSocket and SSE | RESTful APIs | GraphQL APIs | gRPC APIs

EDUCATION

B. Tech, Computer Science and Engineering

Maulana Azad National Institute of Technology, Bhopal

CGPA: 8.94

July 2017 – July 2021

AISSCE, CBSE (12th grade)

Sarvodaya Sr. Sec. School, Kota
Percentage: 92%

May 2016

ADDITIONAL CONTACTS

GitHub: github.com/yashmahalwal

LinkedIn: linkedin.com/in/yashmahalwal

Medium: yashmahalwal.medium.com

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YASH MAHALWAL

SUMMARY

A computer science undergrad with passion for bringing ideas to life. With experience in modern web development, has a broad technical skillset and can work with professional teams of all sizes to make production grade software.

WORK EXPERIENCE

Product development intern

Appointy IT Pvt Ltd, Bhopal

May 2019 – April 2020

[Typescript, React, graphql, Relay, Next.js, Material-UI]

- Worked on the frontend team to make modules of various scales for the product.
- Wrote an outlet based routing library for React, form builder, server side rendering solutions and many other complex UI components.
- Actively participated in architecture level planning for the frontend codebase. Also often debugged complicated bugs by combining knowledge of the product model and a deep understanding of technologies used.
- Participated in Appointy I/O. Wrote technical blogs and made numerous static pages

Analyst Intern

Automated Modelling Component (AMC)

American Express, Gurgaon

Jan 2021 – June 2021 (Ongoing)

[Python, Flask, SQL Server]

- Wrote a framework to help generate meaningful error messages while conforming to best software practices.
- Helped onboard new machine learning algorithms on the platform.
- Worked with stakeholders to resolve support tickets on AMC

VOLUNTARY WORK

Web Developer

ISTE Students' Chapter MANIT, Bhopal

May 2018 – Present

[Typescript, React, graphql, Relay, Next.js, Material-UI, Chakra-UI, Go, PHP, MongoDB, MySQL, Redis, Firebase]

- Coordinated and mentored junior developers to create industry standard codebases.
- Designed and implemented the platform for Megatreopuz (an online cryptic hunt) for two consecutive years.
- Made numerous static webpages, small applications and forms.
- Managed deployment and hosting.

TOP PROJECTS

Nirikshak – An autonomous API testing tool

A REST API testing framework that uses the semantics of rest to generate test cases and analyze the data generated to provide meaningful insights. Aims to reduce human intervention to minimal.