

# AGNIVESH CHAUBEY

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## Profile

Electrical engineering undergraduate with a strong passion for software development and 2 years of experience. **Google Summer of Code** (GSoC) mentee at Postman Org, skilled in MERN stack along with JSON Schema and JavaScript. Dedicated to continuous growth and open-source contributions, and seeking an opportunity to propel my professional journey to new heights.

## Experience/Open Source

### Google Summer of Code - Postman

Working on a CLI tool called 'bowtie,' which assists in validating implementations against pre-defined tests. This tool offers multiple methods to validate implementations or schemas against [official test suites](#), and generates a comprehensive report to display the results. Also, a visual representation of the results is available and can be accessed on the [website](#).

- Created the intuitive [website](#) using ReactJS and Bootstrap to publish comprehensive reports.
- Created a test [harness](#) to assess the compliance of Networknt's JSON schema validator.
- Added [Runtime info](#) to harness' metadata (harness - the container inside which validation takes place).
- Enhanced the tool by adding [Runtime](#) info and a smart [dark mode](#) feature.
- Added [feature](#) that enables users to upload locally generated report to the Bowtie UI (for [visual](#) representation).

## Blogs

I write technical [blogs](#) to share my journey, experience and knowledge with the community.

## Projects

### Bowtie Report



- Webapp that displays the validation result in an intuitive way by consuming Json Data generated by Bowtie tool.
- **Tech Stack:** React.js, Context APIs, Bootstrap, Axios.

### Portfolio Manager



- This is a full stack Portfolio (Manager) website to showcase details, projects, experience, etc. It has authentication feature, a dashboard manager that manages the data to be published in the Portfolio.
- Implemented CRUD operations to add, remove and update data in a very standard way using MERN stack.
- Used JWT for token-based authentication and MongoDB for data storage.
- **Tech Stack:** React.js, Express.js, JWT, MongoDB, Context APIs.

### Rider (work in progress)



- This is a ride sharing app which is more or less like Ola/Uber. The main goal of working on this project is to learn various concepts of distributed systems, microservices, cloud-native technology, etc.
- Here is the overall planning till now. [\(Kanban board\)](#)
- **Tech Stack (till now):** Golang, GitHub Actions, Docker, React.js (Vite).

### Mini Projects

[Library Management API](#), [Budget Tracker app](#), [Calculator](#)

<h3>Technical Skill</h3> <ul style="list-style-type: none"><li>• HTML, CSS, Java basics, learning Golang</li><li>• JavaScript, React.js, Bootstrap, Material-UI</li><li>• Node.js, Express.js, JWT, MongoDB, SQL</li><li>• JSON Schema, APIs, Git, Linux, Docker, GH Actions</li></ul>	<h3>Non-Academics</h3> <ul style="list-style-type: none"><li>• NCC Cadet</li><li>• Sports team leader (Kabaddi)</li><li>• Inter-school Volleyball player</li><li>• Blogs (<a href="https://agnivesh.hashnode.dev">https://agnivesh.hashnode.dev</a>)</li></ul>
<h3>Courses</h3> <ul style="list-style-type: none"><li>• <a href="#">Advanced React course by Meta</a></li><li>• <a href="#">Backend Development by IBM</a></li><li>• <a href="#">Computer Networking by Google</a></li></ul>	<h3>Education</h3> <p><b>B. Tech-Electrical Engineering</b> Birla Vishwakarma Mahavidyalaya (2020-2024) Expected Graduation - July 2024</p>