# Mayank Mishra

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## Seeking position in: **Software Development**

Goal-oriented software developer with prominence in MERN/MEAN applications. Having completed my Bachelor's degree in Computer Applications and worked on various personal projects spanning several problem domains, I'm able to apply my skills to solve diverse challenging problems. I'm looking to work for an organization that will enhance my professional experience in an environment of challenges, excellence and growth.

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## Technical Skills:

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| Languages: | JavaScript, Ruby, Python, PHP, Bash, SQL, HTML/CSS/SASS, C/C++, Java |
| Frameworks/Libraries: | React, Node, JQuery, Angular, Rails, Express, Socket.io, Electron, Bootstrap, Materialize, Mocha/Chai/Jest, Capybara, d3.js, p5.js, processing |
| Tools: | Git, Github, MySQL, MongoDB, Postman, AWS, Docker, Heroku, Apache, Nginx, npm, yarn |

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## Projects:

- **Chat.io:** Chat application that supports Text/Video/Audio conversations. Users can create their own servers and channels(text/audio) within servers, invite others to their server, manage roles, add friends, send direct messages to other users.

- **Pixboard:** An image board app where users can post images, create their boards, add images to their boards, look at other users' boards and images, like/comment on image posts and follow other users.

- **Memochou:** A note taking app with additional features like reminders, list, images, note archiving, labels etc.

- **Stonks:** Electron app for visualizing stocks and indicators. The server is made in express.js which handles query requests regarding stock names, date range, etc from the app. It scrapes data from yahoo finance. Over on the frontend we have our app running in an electron sandbox environment that visualizes the data using d3.js.

- **Commune:** Community based social media web application where users can create/update their account and post on a global social board. They can also upvote/downvote/comment on a post.

- **MLC:** Compiler for my hybrid typed programming language MLC(my lang compiler). Written in C borrowing motivations from Rust, JavaScript, C# and Lisp. The compiler comes with a garbage collector that can be turned on/off and ownership and borrowing rules from rust that prevail when GC is off. The language has a non verbose syntax and everything from functions, classes, control statements are first class objects.

- **UnbloatWeb:** Browser extension written in JS that makes web browsing a little more easier considering how bloated the modern web is. Don't like that ad or that annoying pop up? Want to browse sites that scroll block you? This extension got you covered.

- **Chess:** A multiplayer chess game made using plain old HTML/CSS and vanilla javascript.

- **Miscellaneous:** To keep my passion for programming alive I like to work on a lot of other projects which serve no purpose other than my own self satisfaction and joy. These vary from data visualizations, games, scripting to automate redundant stuff, web scraping and code katas.

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## Education:

**Vivekananda Institute of Professional Studies, GGSIPU — Bachelor of Computer Applications**
**2017-2020 (Expected 2021)**

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