

CHAITANYA VOOTLA

+91-7899057199 ◇ chaitanyavootla@proton.me

PROFESSIONAL SUMMARY

- Skilled Full-Stack software engineer with a proven track record of designing and implementing robust, high-quality solutions.
- Possess a deep understanding of design patterns, data structures and algorithms, cloud architecture and system architecture.
- A results-driven professional with a passion for delivering exceptional results and enhancing application stability and optimizing performance.

TECHNICAL STRENGTHS

Languages	Node.js, Vue.js, AngularJS, JavaScript, TypeScript, HTML5, CSS3
Databases	PostgreSQL, MongoDB, SQLite, Azure CosmosDB
Frameworks/APIs	VueJs, AngularJS, Nuxt
Architecture & Design	Data Structures and Algorithms, System Design
Version Control & Methodologies	Git, Agile, Waterfall, Scrum
Cloud Technologies	Azure, Google Cloud Platform, AWS

WORK EXPERIENCE

JFrog <i>Senior Software Engineer - Artifactory</i>	Apr 2023 - Till date
<ul style="list-style-type: none">• Designed and implemented scalable artifact cleanup and archival systems in Java, ensuring high-performance concurrency for enterprise-scale use cases.• Collaborated across front end, API, and back end layers, delivering end-to-end solutions for highly available systems.• Mentored and led junior engineers and helped create a well-oiled team that can tackle the new requirements after our team's transition between products.	

JFrog <i>Software Engineer - Pipelines</i>	Apr 2019 - Mar 2023
<ul style="list-style-type: none">• Developed an interactive graph visualization algorithm using D3.js and Canvas APIs, enabling real-time insights into CI/CD pipelines.• Built Pipelines Development Environment (PDE), a browser-based IDE for editing CI/CD YAML definitions, accelerating iteration cycles by 30%.• Engineered a Kubernetes-based automated runner system, improving pipeline execution scalability and reducing costs, reducing job waiting time by up to 90% for high-demand pipeline executions.	

Shippable - Acquired by JFrog <i>Software Engineer - Pipelines</i>	Jun 2016 - Mar 2019
--	----------------------------

- Delivered full-stack solutions across UI, backend, microservices, and cloud orchestration, helping establish a market-leading CI/CD platform.
- Developed user-friendly real-time UI for complex CI/CD workflows using WebSocket-based architectures, enhancing user experience for high-frequency tasks like log streaming and real time updates.
- Implemented secure authentication, role management, and payment processing (Braintree integration).

PROJECTS

The Movie Browser

TheMovieBrowser.com

- The Movie Browser(TMB) is a movie and TV show discovery platform to help find the right movie/show to watch.
- It aggregates ratings and watch links from all popular sources in once place to make a more informed decision and jump to the OTT service directly, bringing all your interests from varied OTT sources into one place.
- TMB provides powerful custom filters to organize and track your interests in a more organized fashion and also helps track the shows you are currently watching, lets you create watch lists and mark what you have already watched.
- Features experimental AI-powered recommendations using the RAG method (ChromaDB and OpenAI Tokenizer), delivering personalized movie suggestions and similar titles with high accuracy.

Stonks

- Stonks is a stock tracker and market research helper tool inspired by Screener.in.
- It began as an experiment in web scraping and stock market analytics for personal reasons and quickly became too large in scope.
- Stonks shows the current market trend, displays historical prices for specific stocks and key analytics and financials and overlays your orders from platforms like Zerodha to show a visual representation of your order history to help you retrospect your buy/sell actions.

INTERNSHIPS

IIT Kharagpur

May 2015 - July 2015

- Developed an Android application to recognize hand gestures using ultrasound in commercially available smartphones, enabling novel touchless interaction.
- Used signal analysis and Fast Fourier Transforms to recognize basic hand gestures.
- Used Machine Learning (Support Vector Machines) to recognize 2 more complicated hand gestures.

EDUCATION

NIT Agartala

Undergraduate

Department of Computer Science Engineering

July 2012 - May 2016

Overall GPA: 7.38/10