

Hrishikesh Pethe

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Experience

Senior Software Engineer Tietoevry – Pune

April 2024 – Present

Software Engineer II Tietoevry – Pune

June 2021 – March-2024

- Contributed to the development of a REST API for an E-Commerce application, focusing on performance optimization and robustness.
- Led the successful migration of a client's application from Heroku to AWS on tight deadlines, **ensuring minimal downtime and saved 2 months of extra infrastructure costs.**
- Implemented Continuous Integration (CI) and Continuous Deployment (CD) pipelines from Bitbucket to AWS Fargate, which **resulted in 50% faster deployments and weekly releases.**
- Worked closely with offshore teams to ensure security compliance on AWS, proactively identifying and addressing potential vulnerabilities to maintain integrity and confidentiality.

Projects

- **UPM Customer Online** - E-commerce web application for UPM Bioforce company.
 - Developed and maintained REST API utilized by the front-end.
 - Developed micro-services for tasks such as email notifications and bulk PDF download and processing.
 - Took on a DevOps role during the migration of the application from Heroku to AWS.
 - **Skills:** Node.js, TypeScript, Nest.js, PostgreSQL, AWS LAMDA, AWS ECR, AWS S3, AWS Fargate, Docker, CI & CD.

Junior Software Engineer Tietoevry – Pune

July 2019 – May 2021

- Worked on several different internal and external projects making small contributions towards development of new features and maintenance.
- Developed and maintained the backend for a chat bot service. Key features implemented were: search functionality, a voting system, and robust user authentication/authorization mechanisms.

Projects

- **Autopilot** - Dashboard and Custom Orchestration tool in RPA domain. It was a unified platform for running RPA processes created using Blue Prism, UiPath and Robot framework in one place.
 - Designed and Developed frontend using React.js
 - Developed and maintained the backend API and an RPC service that managed licensing and scheduling of processes on VMs.
 - **Skills:** C#, ASP.NET Core, Entity Framework, React.js, SQL server, Docker, Azure.
- **Eva - an enterprise chat assistant** - an enterprise chat bot assistant used by customers to ask basic questions about internal knowledge base, schedule meetings in outlook, open service tickets and track their status
 - Implemented integrating with ServiceNow for ticket management.
 - Developed integration with Outlook for scheduling meetings.
 - Developed authentication and authorization using Azure AD.
 - **Skills:** Node.js, C#, SQL Server, Microsoft Bot-Framework, Microsoft LUIS, Azure.

Skills

Languages: JavaScript, TypeScript, C#

Back-end: Node.js, Nest.js, Express.js, ASP.NET Core

Front-end: HTML5, CSS3, JavaScript, React.js, Redux, Tailwindcss, MUI.

Databases & Caching: PostgreSQL, SQL Server, MySQL, MongoDB, Redis.

DevOps: Linux & Bash Scripting, Docker, AWS, CI & CD, Github, Bitbucket

Other: Agile, Problem solving, Clean code, Data structures & algorithms, Design patterns.

Personal Projects

- **HttpParrot** - A lightweight browser extension for testing http services
- **S3Spider** - Self hosted file manager for S3 - manage files in multiple accounts under one roof

Education

VIIT, Pune – BE Computer Science

First class (64%)

Fergusson College, Pune – H.S.C Science Branch

First class with distinction (79%)

Bhagini Samaj Highschool, Palghar – S.S.C

First class with distinction (95%)