

TIRTH PIPALIA

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LinkedIn: [TIRTH PIPALIA | LinkedIn](#) **Website:** [Tirth-Pipalia-Portfolio](#) **GitHub:** [tirth-pipalia \(tirth pipalia\) - GitHub](#)

- Enthusiastic contributor with the ability to execute in a cross-functional team to achieve project goals.
- Incorporate communication and interpersonal skills essential, to work in a distributed environment.
- Proficient and hands-on experience of 2.5 years in cloud-based web development in an Agile team of 9 members.
- Developed and maintained containerized web applications for flagship product which maintains global microservices.

TECHNICAL COMPETENCIES

Computer Languages:	JavaScript, TypeScript, Python, Java, SQL, HTML, CSS, XML, JSON, YAML
Web Technologies:	Node.js, Angular, Express.js, Django, WordPress, REST API, Nginx, Swagger, Postman
Tools & Services:	Cypress, NPM, Docker, Kibana, Jenkins, JIRA, Grafana, Git, Linux, Tableau, Confluence
Database System:	MongoDB, Elasticsearch, Prometheus, Redis, LDAP, MySQL, CouchDB
Amazon Web Services:	EC2, S3, IAM, Lambda, RDS, CloudFormation, CDK, ECS, API Gateway, SNS, SQS

WORK EXPERIENCE

Full Stack Engineer Jun 2021 – Present
Intive Limited – Dublin Ireland

- Maintained and synced Production, Staging, Testing and Development environments using Docker and Jenkins.
- Implemented live application monitoring system using cAdvisor, Prometheus, Grafana and Docker
- Resolved performance issues by implementing a Queue system, using Docker & Nginx designed as application load balancer.
- Integrated technologies like Elasticsearch, WordPress and JFrog Artifactory as per client requirements.
- Spearheaded several Standups, Retrospective, Grooming and Product Backlog Refinement sessions.
- Architected IAM (RBAC) system in the application for a secured and role-based user interface.
- Assisted in troubleshooting and resolving bugs in the application through rigorous testing and debugging using Cypress.
- Performed spike for integrating RedisCache and ElasticSearch to enhance the platform's usability and functionality.
- Integrated CI/CD pipelines such as pre-code review, performance test, deployment, API and automated testing using Jenkins.
- Programmed and tested Python scripts to automate backup jobs and data syncing processes.
- Improved website performance by optimizing critical rendering paths and reducing load times by 30% through code refactoring and asset optimization.
- Implemented RESTful APIs to enable seamless communication between the frontend and backend systems also documented using Swagger and OpenAPI
- Developed various reusable angular components and software modules to streamline and optimize the development process.
- Collaborated with senior developers to conduct code reviews, improve code quality and design user interfaces.

EDUCATION

MSc in Business Analytics *Dublin Business School* Sep 2019 – Oct 2020
Bachelors in computer applications *University of Pune* Jun 2016 – Mar - 2019

ACHIVEMENTS & CERTIFICATES

Certified [AWS Cloud Practitioner](#) and [AWS Associate Developer](#).

[Pymetrics](#) 3 unique traits: Decision Making, Flexibility, Adaptive Learner.

[Published](#) project paper on Bus Transport Management System in "International Research Journal of Engineering and Technology."