

Batuhan Ipci

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[GitHub](#) • [LinkedIn](#) • [DEV.to](#)

Skills

Programming Languages: Dart, JavaScript, TypeScript, Java, C++, Swift, Python

Frameworks and Libraries: Express.js, Node.js, React, Angular, Three.js, Flutter

Testing Frameworks and Coverage Tools: Jest, Istanbul, Catch2, Google C++ Testing

Cloud Technologies: Azure, Amazon Web Services (AWS): Textract, Cognito, S3, EC2, ECS, DynamoDB

Others: Docker, OpenCV, Git, MySQL, PostgreSQL, MongoDB, Bash, Unix, Wireshark, Blender, Jira

Work Experience

Seneca Applied Research • Toronto • Full-time • Jan 2023 - Present

Software Engineer

- Developed and deployed an on-demand daily payment solution using Flutter, empowering employees with enhanced financial autonomy. The system leveraged real-time data processing to enable immediate access to earned wages.
- Enhanced user experience by launching the payment system as a multi-platform application, accessible on the web, Android, and iOS devices, and implemented platform-specific UI/UX enhancements.
- Developed an integrated invoice management system with automated payment reminders, improving payment tracking and reducing late payments.
- Achieved a 25% reduction in deployment time by developing and executing comprehensive automated tests, ensuring seamless deployment of updates and new features to production environments.
- Implemented push notification functionality for both employer and employee portals on iOS and Android platforms, enhancing communication and engagement between users and the platform.

InheritChain • Toronto • Part-time • May 2023 - Dec 2023

Software Engineer

- Developed a blockchain-based online platform for generating Wills, built using modern web and blockchain technologies (Angular, Node.js, and Solana), with the aim of improving efficiency for lawyers and clients involved in the will preparation process.
- Boosted backend test coverage to over 95% using Jest and service mocking for comprehensive and dependable testing.
- Developed a robust and user-friendly invoice generation system that streamlines the billing process for lawyers, resulting in a significant reduction in manual errors while saving 15 hours of administrative work per month.
- Implemented automated deployment pipelines using Docker and Kubernetes, reducing deployment time, and minimizing downtime.

Seneca Applied Research • Toronto • Part-time • May 2022 – Sep 2022

Backend Developer

- Developed custom data pipelines using Python to automate the extraction and transformation of data from various sources (driver's licenses, car ownership records, insurance databases). This facilitated efficient analysis of large datasets, expediting the customer onboarding process from 30 minutes to 10 seconds.
- Employed a variety of data structures, algorithmic techniques, and regular expressions to preprocess unstructured content from Amazon Textract, preparing it for efficient database persistence in MongoDB.
- Developed comprehensive technical documentation to streamline processes, enhance team collaboration, and ensure a clear understanding of complex concepts.

VakifBank • Istanbul • Full-time • May 2021 – Aug 2021

Summer IT Intern

- Improved the existing employee training and evaluation system using C++, by refactoring the codebase for greater modularity and enhanced maintainability.

Education

Ontario College Advanced Diploma in Computer Programming and Analysis

Seneca Polytechnic • Toronto, ON, Canada • Dec 2022