

Nichita Postolachi

Full Stack Software Engineer

Ambitious, detail-oriented Full Stack Software Engineer with a passion for web and app development. Quick thinker, adaptive and flexible with technology. Result driven with great communication, leadership and requirements-to-software turnover skills.

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EDUCATION

BSc (Hons) in Computing

Dundalk Institute of Technology

09/2016 - 05/2020

1.1 (First Class Honors Degree)

Courses

- Final Year Team Project
- Usability Design
- Mobile Computing
- Software Testing

WORK EXPERIENCE

Site Technician - Internship

Prometric

01/2019 - 07/2019

Dundalk, Co. Louth, Ireland

Leading provider of technology-enabled testing and assessment solutions to many of the world's most recognized licensing and certification organizations, academic institutions, and governments.

Achievements/Tasks

- JavaScript | PHP | MySQL | HTML | CSS | Other libraries
- Built an employee management website for the Global Site Technology Services Department used by 34 users.
- Website allows the manager to keep track of various activities through checklists, a team calendar and a user friendly design designed with usability in mind.
- Created a PowerShell script that automatically installs all the software for a test center computer saving time.

Contact: Shane Dollard - Shane.Dollard@prometric.com

Full Stack Developer - Freelance

Nicholls Construction Ltd.

06/2020 - 08/2020

Drogheda, Co. Louth, Ireland

A construction company with 30 years of experience.

Achievements/Tasks

- ES6 JavaScript | PHP | MySQL | HTML | CSS
- Designed a modern interface by following the Usability Heuristics recommended by the Norman Nielsen Group.
- Collected the clients requirements: both explicit and implicit.
- Designed and built a user friendly admin panel allowing the client to change the website without changing any code.

Contact: Phillip Nicholls - phillip.nicholls@hotmail.com

Full Stack Developer - Freelance

Outlines Hair Studio

03/2020 - 05/2020

Drogheda, Co. Louth, Ireland

A hair salon in the center of Drogheda specializing in men's haircuts.

Achievements/Tasks

- ES6 JavaScript | HTML | CSS
- In charge on the online presence of this new business.
- Added a 3rd party booking system to the website.
- Performed SEO, GDPR and usability optimization.

Contact: Irfaan Sahaboolea - yan-786@hotmail.com

SKILLS

ES6 JavaScript | jQuery | HTML | CSS | Bootstrap | Ionic

NodeJS | PHP | Laravel | MongoDB | MySQL | REST API

Java | Git | Agile | Working without supervision

User focused | Leadership | Zeal to keep learning

Communication | Adaptable | Jasmine | JUnit

OTHER PROJECTS

Student Loop - Final Year Project (09/2019 - 05/2020)

- ES6 JavaScript | NodeJS | Express.js | MongoDB | Mongoose.js | Socket.io | Hyperledger Fabric | Ionic 4 | Cordova | HTML5 | CSS3
- A tutorial booking application for students utilizing the latest blockchain technology and eIDAS compliant Digital Signatures.
- Followed SOLID and DRY principles when creating the frontend component-based architecture and backend 3-tier architecture.
- Created a Digital Signature library that utilizes Digital Certificates to add eIDAS compliant Digital Signatures to a PDF.
- Researched EU eSignature laws before creating the library.
- Created a Smart Contract to track tutorial progress using a Hyperledger Fabric blockchain.
- Added web-sockets and push notifications for live updates of tutorial progress and other events.
- Utilized JSON Web Tokens for securely managing user sessions.
- Implemented 2-Factor Authentication through fingerprint and 4 digit SMS code verification.
- App is very performant through the use of lazy loading techniques.

Lucky Draw Competitions (06/2020 - 07/2020)

- JavaScript | PHP | MySQL | HTML | CSS | Other libraries
- The website allows users to participate in skill-based competitions the winner of which gets a prize.
- Uses a JSON based cart system and the Stripe Payments API for charging customers.
- GDPR and Strong Customer Authentication (SCA) compliant.
- Created and implemented a fraud prevention system.
- Anticipated "hidden requirements" such as a user's ticket being made unavailable during purchase.

CERTIFICATES

Participant in the Intensive Coding Project Lodz, Poland (08/2018 - 09/2018)

LANGUAGES

English

Native or Bilingual Proficiency

Russian

Professional Working Proficiency

Romanian

Professional Working Proficiency

Spanish

Elementary Proficiency

INTERESTS

Chess

Travelling

Reading

Sports