

BATUHAN BERK BAŞOĞLU
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SUMMARY

Motivated Software Developer / Cybersecurity Specialist with expertise in web and application development, design and cybersecurity. Skilled in securing websites and applications through best practices, vulnerability testing, and threat mitigation. Proficient in various programming languages, frameworks, and tools, with a focus on building secure, scalable solutions. Detail-oriented and adept at solving complex technical and security challenges. Additionally, a secondary specialization in Mining Engineering is leveraged to apply technical expertise, technological innovation and improvements in the resource extraction industry.

SKILLS

- Software Knowledge: Git, Python, Java, Android Studio, JavaScript, JQuery, Bootstrap, TypeScript, Node.js, Next.js, Angular, React, Vue.js, Visual Studio, Spring Framework, REST APIs, SOAP, C, C++, C#, .NET, ASP.NET, HTML, CSS, XML, SQL, MySQL, Microsoft SQL, IIS, Microsoft Azure, Oracle Cloud, AWS, Tortoise SVN, Docker, MATLAB, VHDL, ModelSim, AutoCAD, PHP, Kotlin, CMake, Shell Scripting, Quartus, Roff, WordPress, Go, Ruby, Gherkin, Microsoft Office.
- Hardware Knowledge: Windows, Linux, Ubuntu, Fedora, Arch Linux, Android, iOS, Embedded Systems, FPGA, HCS12, Altera DE2, K-CSP, K-ECS.
- Ability to use Adobe programs: After Effects, Photoshop, and Premiere Pro.
- Excellent oral and written communication skills, scientific and critical mind, leadership, teamwork, cultural intelligence and time-management skills.
- Problem-solving, elaborating strategies, negotiating and working under pressure.
- Languages: English (Advanced), French (Advanced), Spanish (Intermediate) and Turkish (Advanced)

EXPERIENCE

.NET DEVELOPER

12/2024 – 03/2025

Osmose, Montreal, Canada

- Documented and identified bugs in the Gamma project based on client requirements. In addition, suggested new features to meet client demands and ensured an integration pathway of the Gamma project with Osmose systems. The Gamma project is built using .NET, ASP.NET, C#, JavaScript, IIS, HTML, CSS, XML, SOAP, SQL, Microsoft SQL, Geoserver, Cerberus FTP and Tortoise SVN. Changed the configuration files, investigated and documented the GAMMA source code, included system vulnerabilities and updates, investigated Geoserver, Microsoft SQL Server & Cerberus FTP and collaborated with other teams, including the IT lead, project manager, and data analyst.

FULL STACK DEVELOPER

07/2021 - 01/2024

Inovestor, Montreal, Canada

- Resolved bugs and implemented new features for the RPM Eco Website under contract with RPM Eco using C#, .NET, ASP.NET, IIS, HTML, CSS, Typescript, Next.js, React, SQL, MySQL and Microsoft Azure. Created new pages in full-stack development, fixed bugs, and implemented new functionalities in the back-end, including repairing non-functional features and resolving user interface issues such as translation, alignment, and aesthetics in the front-end.
- Enhanced the VIA Rail website by fixing bugs and updating functionalities under a contract with IBM using C#, .NET, ASP.NET, IIS, HTML, CSS, JavaScript, Node.js, Angular and Microsoft Azure. Fixed user interface issues, including translation, alignment, and aesthetics, in the front-end. Additionally, improved back-end functionality by fixing non-functional methods, updating libraries, correcting CAPTCHA errors, and implementing new features, such as a stronger password policy.

WEB DEVELOPER

01/2021 - 04/2021

Kargı Building Complex, Bodrum, Türkiye

- Created an advertising website from scratch for the Kargı Building Complex using HTML, CSS, TypeScript, JavaScript, Node.js and Angular, receiving excellent feedback from the employer.

INTERN ARCHITECT 06/2016 - 07/2016
Atelye70, Istanbul, Türkiye

- Gained experience with AutoCAD and learned fundamental principles of architectural design.

EDUCATION

MASTERS OF ENGINEERING, Mining Engineering 01/2025 - Present
McGill University, Mining and Materials Engineering, Montreal, Canada

- Combined mining engineering with computer engineering skills, focusing on integrating technology and innovation within the resource extraction industry.

GRADUATE CERTIFICATE, Cybersecurity 08/2024 - Present
McGill University, Information Studies, Montreal, Canada

- Recommended by a former manager and professor for exceptional expertise in software development.

BACHELOR OF APPLIED SCIENCE, Computer Engineering, *French Immersion Stream* 09/2017 - 06/2021
University of Ottawa, Faculty of Engineering, Ottawa, Canada

- Awarded the University of Ottawa Access to French Studies Scholarship for full-time.

VOLUNTEERING

- Equity Committee Representative at McGill Information Studies Student Association 03/2025 - Present
- Volunteer at McGill Arts Collective 01/2025 - Present
- Innovation Committee Member at The Post Graduate Students' Society 09/2024 - Present
- Volunteer at Festivals: Montreal Salsa Convention, Montreal Highland Games, MUTEK 05/2024 - 08/2024
- Volunteer at University of Ottawa Model United Nations Associations 09/2019 - 05/2020
- Volunteer at Rotaract Club of Ottawa 09/2018 - 05/2019

REALIZATION

- Awarded the University of Ottawa Admission Scholarship for Academic Excellence. 09/2017

INTERESTS

- Sports: Semi-professional golfing, equestrianism, latin & swing dancing, fitness, hiking and climbing.
- Art: stage acting, improvising.