Emir Borovac

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Highly skilled software developer with expertise in various programming languages, frameworks, and technologies. Proficient in AI and machine learning, web development, cloud computing, and project management. Strong background in developing advanced systems and applications that leverage state-of-the-art technologies.

Skills

Programming Languages and Frameworks:

- Languages: Python, JavaScript, TypeScript, HTML, CSS, C++, SQL, GO, Java, Julia.
- Frameworks: Django, Flask, TensorFlow, PyTorch, Scikit-learn, Keras, Tkinter, Flutter, Node.js, Electron.js.

Web and Mobile Development

- Web Applications: Building dynamic web applications with Flask and Django, including Django REST Framework, Celery, and Redis.
- Mobile Development: Cross-platform mobile app development using Flutter.
- APIs: Expertise in handling RESTful APIs, JSON, and third-party API integrations of any kind.
- Web Scraping: Expertise in Playwright, Selenium, BeautifulSoup, Scrapy, and Apify for data extraction.
- Automation Tools: Oxylabs, Puppeteer, Playwright.

Cloud & DevOps

- Amazon Web Services (AWS), Google Cloud Platform (GCP), Microsoft Azure, Heroku.
- Docker for containerization and deployment.
- Continuous Integration/Continuous Delivery (CI/CD).
- Git/GitHub for version control.
- Linux/Windows Server Administration.
- Google Cloud Console for API management, resource deployment, and cloud service configuration.

AI & Machine Learning

- Deep Learning, Natural Language Processing (NLP), Computer Vision, Image Processing.
- Expertise in prompt engineering and fine-tuning AI models.
- Tools and APIs: OpenAI API, Hugging Face, TensorFlow, PyTorch, Keras.

Data Management & Analysis

- Data Handling: Data preprocessing, data processing, data design, and end-to-end data management workflows.
- Databases: Expertise in SQLite, PostgreSQL, and SQL for database design and management.
- Data Analysis: Skilled in Pandas, NumPy, Matplotlib, and data visualization techniques.

Tools & Platforms

- Android Studio, Eclipse, WordPress, WooCommerce, Anaconda, Jupyter, Trello, Postman, Odoo 17, OpenAI, Claud AI, VS Code, Notion.

Project Management

- Agile, Scrum, ITIL, Trello Project Management.
- Task and Performance Management with strong organizational skills.

General Skills

- **Technical Proficiency**: Microsoft Office Suite (Word, Excel, PowerPoint, Outlook), Google Workspace, and basic IT troubleshooting.

- **Communication Skills**: Strong written and verbal communication for technical documentation, presentations, and collaboration.

- **Teamwork and Collaboration**: Experienced in working within cross-functional teams using Agile and Scrum methodologies.

- **Problem-Solving**: Analytical thinking and creative approaches to troubleshoot and resolve complex technical challenges.

- **Adaptability**: Quick to learn new tools, technologies, and workflows in dynamic environments.

- **Time Management**: Efficient task prioritization to meet deadlines and deliver high-quality results.

- **Attention to Detail**: Focused on accuracy in coding, debugging, and project deliverables.

- **Client Interaction**: Skilled in understanding and addressing client requirements and delivering tailored solutions.

- **Professional Tools**: Familiarity with version control systems (Git), project management tools (Trello, Jira), and virtual collaboration platforms (Slack, Zoom, Microsoft Teams).

- **Critical Thinking**: Logical reasoning and structured approaches for software design and development.

Education

Istanbul Technical University
- Master's degree, Geological/Geophysical
Engineering
- Dec 2019 - Apr 2023

University of Aberdeen
- Bachelor's degree, Petroleum Engineering
- Jan 2012 - May 2016
- Grade: 87%

Bircham International University
- Bachelor's degree, Computer Software
Engineering
- 2017 - 2018

Experience

Freelance Software Developer and Automation Specialist

Self-Employed | 2016 – Present

- Developed and delivered diverse software solutions across multiple industries, including AI, automation, web development, and data scraping.

- Designed and deployed custom web applications, APIs, and mobile apps for clients worldwide.

- Specialized in building automation systems, integrating third-party APIs, and streamlining workflows.

- Worked with a wide range of technologies such as Python, Django, Flask, Flutter, TensorFlow, Selenium, and Docker.

- Managed end-to-end projects, collaborating with clients to gather requirements, design solutions, and deliver high-quality results on time.

Courses

- API and Web Service
- Agile Project Management
- Artificial Intelligence: Principles and Techniques
- Becoming a Digital Citizen
- Build a Telegram Bot with Python
- C++: From Beginner to Expert
- CI/CD with Jenkins
- CSS - The Complete Guide
- Cloud Computing Specialization
- Git Complete
- GitHub Ultimate
- Google Cloud Platform Fundamentals
- HTML5 and CSS3 Fundamentals
- Human Resource Management (Associated with University of Aberdeen)
- IELTS Preparation Course (Associated with University of Aberdeen)
- ITIL 4 Foundation Certification Training
- Cloud Computing with PAAS
- Data Analysis with Pandas and Python
- Data Analysis with Python
- Deep Learning Specialization
- Directional Drilling (Associated with University of Aberdeen)
- Django REST Framework: The Complete Guide
- Django for Beginners
- Enhanced Oil Recovery (Associated with University of Aberdeen)
- Flask Bootcamp
- Scrum Master Certification Preparation
- TensorFlow Developer Certificate in 2023
- The Complete Android App Developer Bootcamp
- The Complete Guide to PostgreSQL
- The Complete JavaScript Course
- The Complete SQL Bootcamp

- Information Technology Troubleshooting
- Introduction to Data Science with Python
- Introduction to OpenAI API
- JSON - Introduction and Mastery
- Linux Administration Bootcamp
- Linux Server Administration
- Machine Learning
- Microsoft Azure Fundamentals
- Petroleum Engineering: Principles and Practices
- Python GUI Development with Tkinter
- SEO Training and Google Search Console
- Trello Project Management
- Web Scraping with Python
- Well Completion (Associated with University of Aberdeen)
- Windows Server Administration
- WooCommerce for WordPress
- Well Control
- Machine learning A-Z
- Python for Data Science and Machine Learning Bootcamp
- RESTful API Development with Flask

Languages

- English: Fluent
- Arabic: Fluent
- Bosnian: Native
- Spanish: Basic