

Curriculum Vitae

PERSONAL DETAILS

NAME: [Nicholas Borg](#)
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PERSONALITY PROFILE & SKILLS

- AI ML Engineer / Product manager / Owner
- Fluent in English, Italian, Maltese (Medium: French, Greek, Arabic)
- Passionate about AI/ML development; GPU, NVIDIA, CUDA, cuDNN, MONAI, RAG, LLAMA3, Whisper, Deepseek, Gemini, OpenAI
- Jira, Github, Jenkins, Kubernetes, Docker, Grafana, Prometheus, PowerBI, Tableau, Postgresql, Postman, REST
- Python, Pytorch, NumPy, Tensorflow, Pandas, Scikit learn, Keras, HuggingFace
- AWS, AZURE, GCP
- Blockchain, Crypto, Web3, DeFi, Ethereum, Smart Contracts (Solidity), EVM, Layer 1/2 (Arbitrum, Optimism), ZK-rollups (zk-SNARKs, zk-STARKs), Tokenomics
- Android (Kotlin, Java) and iOS (Swift, Flutter) App Debugging

EDUCATION

- Master Degree in Computer Science University of Central Lancashire
- Diploma in Computer Science (London Metropolitan University)
- CCNA Cisco Certified Network Associate (Swatar Training Center Malta)
- CCNP Cisco Certified Network Professional (Frederick University Nicosia)
- IINS Cisco IOS Network Security (Frederick University Nicosia)
- NVIDIA: Introduction to CUDA
- NVIDIA: Introduction to Generative AI
- NVIDIA: NVIDIA-Certified Associate: [AI Infrastructure and Operations](#)
- AWS Prompt Engineering
- ChatGPT Prompt Engineering for Developers
- Deep Learning AI: Prompt Engineering for Developers

WORK EXPERIENCE

3CX - Dubai <https://www.3cx.com>

Position: Product Manager with 3CX R&D
(Duration: Jan 2024 - Present day)

- Product development
- Scripting Python
- Reporting
- Grafana, Tableau, Power BI Visualizations
- SQL and Databases
- AWS, GCP, Azure
- Data Analysis
- Integrations
- Whisper, LLAMA

Pepperstone - Cyprus <https://www.pepperstone.com/>

Position: Product Owner with Pepperstone Payments Department (Contact based)

- Managing team of 13 developers PHP and Golang
- Released Fraud detection service using Machine learning and AI
- Implemented integrations like Mashreq UAE, Finrax (Crypto), Chippay (China), SPEI and PIX (LATAM)
- Cashier Development
- Jira & Confluence
- Scrum ceremonies
- Requirements, Refinements, Backlog, Grooming

Worldline - Sweden <https://worldline.com/>

Position: Product Manager with Payment IQ/Devcode

(Duration: June 2022 - Jan 2024)

- Deep understanding in Payment IQ / Devcode Payment Orchestrator, gaming and gambling operations, casino launches, merchant configuration and payment troubleshooting
- Supporting the Development of PSP Integrations with Devcode
- Responsible for Premium Partner Support Program (over 50 providers)
- Prioritizing bug fixes, and feature requests raised by Merchants and Payment Aggregators
- Unit testing of integrations, setup and configuration on staging and production
- Handling maintenance requests, testing and releases of all payment integrations and their flows
- Release documentation of manuals, updates and how-to's per provider
- Managing 30 developers, 4 product owners, 4 QA, 2 Devops
- Liaising with account managers and technical/business psp staff
- Knowledge in payment methods, payment security and up to date with latest development trends
- Driving the Crypto Vertical

TECH4s Group - Cyprus <https://tech4sgroup.com/tech4sltd/>

Position: Head of Product

(Duration: May 2021 - June 2022)

- Changed career from Financial Services - Forex to iGaming. First job in Gaming industry
- Managing the features and development of 4 online Casinos targeting the French, Canadian and Indian Market
- Casinos: [Cresus](#) [Lucky8](#) [Tortuga Prive](#)
- Performed launch of Casino for the Indian Market, a Prive Casino for elite cherry picked players and Norwegian market
- Support, dialog, onboarding and integration of Payment Service Providers
- Skrill, Neteller, Paysafe, Xpate, Powercash, Bank Transfers, Ewallets, Revolut API's, Jeton, Interac and many other psp's
- 2D, 3DS, 3DSV2 development and monitoring
- Development of Payment Gateway Aggregators
- QA and Testing of new features or configuration
- Jira/Jenkins/DB SQL/Python/Powershell/
- Figma/
- Devcode/Bambora/Payment IQ - Now Worldline
- Praxis knowledge
- Attending iGaming events like Sigma in Malta. iFX Dubai
- Configuration and API Development of Crypto Payment Services (Coinspaid, CryptoPay, Forumpay, Bitpace)
- Performed security audits on web applications, reconnaissance, vulnerabilities, exploits
- Fincrime, Fraud
- DSS/PCI/Payment protocols
- Writing technical articles and guides / updating confluence
- Cellexperts
- Reports (Tableau/PowerBi)
- Amazon AWS, EC2, Kubernetes, Lambda
- Configuration of customer scoring products - Transunion / Iovation
- SEON integration, configuration and release
- Sum and Substance KYC Application tools
- Automation CI/CD Continuous integration and delivery techniques
- Selenium
- Learning through post-mortem culture

Antelope - Developers of Antelope CRM - Cyprus <https://antelopesystem.com/>

Position: Tier 3 Systems Engineer > Devops

(Duration: June 2020 - May 2021)

- Managing the features and development of approx 30 brands (regulated and unregulated)
- Answering and servicing clients, contractors, and IT staff
- Liaising with development team located in Israel
- QA and Testing of new features or configuration
- Jira/Jenkins/DB SQL/python/Powershell/Amazon AWS/EC2/PowerBI
- Passion for finance and crypto
- Telephony configuration for the brands - VoIP
- Configuration of PSP's (EMerchant pay, Sofort, WorldPay etc)

- SQL DB Updates Scripts and queries
- Configuration, administration, troubleshooting of MT4/MT5 issues, servers and services
- Writing technical articles and guides / updating confluence
- Branding / onboarding of new forex brands
- Integrations (twilio, nexmo, roblox, trulioo)
- Cellexperts
- Reports
- Moved to work closer with Xsites team <https://xsites.co.il/>. This is a boutique R&D software house located in Tel Aviv behind the development of Antelope.
 - Devops tasks
 - More focus on CI/CD Pipelines
 - Jenkins
 - Devops security
 - Test automation and monitoring
 - Crafting DB scripts
 - Branding

3CX LTD – Developers of IP PBX – Cyprus <http://www.3cx.com/>

Position: Started as a Systems Engineer -> Product Manager

Product Manager (2006 - Jan 2020)

- Product Design and Development Coordination (C#, C++, .Net, netcore, Javascript, Angular, AngularJS)
- Management of developers (total 15)
- Jira/Mantis/Kanban
- Agile & SCRUM
- Feature prioritization and development analyzing proposals for product requirements and product development programs
- Feature review, bug review and tracking, monitoring and distribution of tasks
- Networking, TCP/IP stack, protocols, SIP / RTP / SDP / VoIP /Audio Codecs
- Windows, Linux, iOS, Android app development and technical experience
- Communication with IP Phone Manufacturers: Cisco, Polycom, Yealink, Grandstream, Siemens Gigaset
- Interop with worldwide SIP Trunk providers worldwide: AT&T, Verizon, TMobile, Deutsche Telekom, China Telecom, Vodafone
- Experience with Amazon AWS, Google cloud, OVH, Azure, Openstack
- Determine customer needs that the product/feature must satisfy
- Recruiting, selecting, orienting, and training employees
- DB/WS Administration: Postgresql, MS SQL. Apache, NGINX, IIS, Wordpress
- Product security management, cyber security and penetration testing, Kali
- Integrations: Skype for business, Salesforce, Microsoft Dynamics, Office 365
- Automation Testing scripting: Python, Powershell, VB, Selenium
- Wireshark

ADS Systems Systems Administrator - General Hospital, Law Courts - total 5-6k endpoints.

Bank Of Valletta IT Engineer - BOV main HQ - total 20k endpoints.

A W A R D S

- Pentest Competition Cyprus 2016 (2nd place)
- ByBit BTC Brawl Competition Winner

H O B B I E S

- History, Historical places, Monasteries
- Traveling and backpacking
- AI and Machine Learning
- Coding
- Boxing and Gym
- Attending conferences like GTC, Gitex, Sigma workshops etc
- Piano and Saxophone