Alin Brindusescu

▮▮▮▮▮▮▮▮▮ | ▮▮▮▮▮▮▮ | ▮▮▮▮▮▮▮▮▮▮ | ▮
▮▮▮▮▮ | ▮▮▮▮▮▮▮▮▮▮▮▮▮▮▮▮▮▮▮▮

● WORK EXPERIENCE

🏢 888 FUNCTIONAL MONKEYS – TIMISOARA, ROMANIA
OWNER AND SENIOR ENGINEER – 01/05/2015 – CURRENT

Responsibilities:
- Acquire and manage customers and projects
- Recruit, train and manage developers and projects
- Analysis, design, and development of cloud and mobile applications for the company products and customer projects

Achievements:
- RangeBoard a complete solution for Unilever Switzerland with mobile app, cloud, data analytics dashboard, and data lake integration
- SafeRT medical grade contact-free solution for identifying the right patient for treatment
- CRM.Client a complex cross-platform mobile client with UI and data model driven by customer specific configuration

Keywords: Project Management, Customer Management, System Architecture, Data Analytics, Python, NumPy, SciPy, Pandas, Scikit-learn, Keras, Tensor Flow, Mobile Apps Development (native or cross-platform), Cloud Solutions, Firebase, Google Cloud, Microsoft Azure, Swift, TypeScript, React Native, C#, Angular, Node.js, Oracle, Microsoft SQL Server, SQLite

🏢 ELEKTROBIT – TIMISOARA, ROMANIA
SENIOR PROJECT MANAGER – 01/10/2017 – 10/2023

Responsibilities:
- Recruit and train developers and researchers
- Build new teams
- Manage part of the Elektrobit AI research team

Achievements:
- Created 5 new teams from ground up
- Opened a new office in Oradea and developed from 0 to 20 in less than a year

Keywords: Team Management, Project Management, Team Development, Artificial Intelligence, AUTOSAR

🏢 SENSIUM HEALTHCARE – TIMISOARA, ROMANIA
IOS SENIOR ENGINEER – 01/01/2015 – 01/12/2016

Responsibilities:
- Analysis, design and development of mobile application for the company medical products
- Recruit, train and lead a small team of mobile application developers

Keywords: Objective-C, Swift, iOS, XCode

🏢 ORGA SYSTEMS – PADERBORN, GERMANY
SENIOR SYSTEM ENGINEER – 01/11/2011 – 01/12/2014

Responsibilities:
- Analysis, design and development of software modules used for the automated testing of the core billing framework module of the company
- Representing the Quality Assurance in the Software Architecture Group
- Process consulting and support provider for our customers
- OPSC Gold Quality Assurance Leader
  - Plan, specify and track the software testing process for the release phase
  - Coordinate the quality assurance team (5 to 10 members)
  - Negotiate deadlines within the team lead and with the governance team

Keywords: software development life cycle (analysis, design, implementation, code review, testing, documentation, release, build management, etc.), quality assurance, automated software quality assurance, billing software, OOP (C++, Java), XML, HTML, SQL, Perl, shell script, web based automated testing tools

▥ VIRTUAL PROTEINS – EINDHOVEN, NETHERLANDS
SOFTWARE ENGINEER – 09/2009 – 01/11/2010

Responsibilities:
- Agile development of medical software
- Analysis, design, development and quality assurance for:
  - Integrate DICOM support into the company products
  - Data interface between rendering engine and external tools
  - Improvement of CT and MRI visualization capabilities
  - Image processing algorithms for bio-medical (X-Ray, CT, MRI) for automatic inspection and segmentation
- Integrate with the core real time graphic rendering engine

Achievements: First integration of the innovative real-time rendering engine in the medical domain.
Keywords: OOP, OOD, C++, design patterns, Agile, DICOM, real time systems, image processing, multithreading, TBB, software algorithms of high complexity, cross platform development, OpenCV, X-ray, CT, MRI.

▥ FWBI – BREMEN, GERMANY
RESEARCHER – 01/05/2007 – 01/05/2009

Responsibilities:
- Member of the Image Processing and Brain-Computer Interface groups
- Research and development of new algorithms for automatic observation of welding process
- Design and development of software and signal processing algorithms for SSVEP type of BCI
- Analysis, optimization and image processing algorithm development
- Responsible for one European grant application (under FET umbrella)

Keywords: C++, design patterns, RTS, image processing, OpenCV, algorithm research, medical research, Brain-Computer Interfaces, EEG, medical signal recording and storage, European research grant application.

▥ AMDOCS – LIMASSOL, CYPRUS
SENIOR PROGRAMMING SUBJECT MATTER EXPERT – 01/07/2004 – 01/02/2007

Responsibilities:
- define new project's strategy (design for change requests and impact assessment for system implementation)
- perform root cause analysis and optimization for key problematic areas
- collaborate with external product groups to assure cross-product integration
- manage communication with customers
- development and implementation of new software functionality
- supporting of critical billing software components (invoicing, account receivable, payment management) in production environment

Achievements:
- Received customer recommendations and awards:
  - Bell Mobility Canada Letter of recognitions for production support
  - Awarded for the contribution in Amdocs Innovative Idea program
  - Letter of recognitions for Lightspeed project
  - Letter of recognitions for three software versions without any defect
- over 8 moths direct (on-site) customer exposure with tier one telecommunication company: Cingular (USA), Vodafone (Australia), Bell Mobility (Canada), Talkline (Germany) and Orange (Swiss)

Keywords: C, C++, CORBA (BEA Tuxedo), Perl, Oracle, Unix, CMM/CMMi, billing software, customer management software expert, test driven development (TDD).

▥ CARENET SRL – TIMISOARA, ROMANIA
SOFTWARE ENGINEER – 01/07/2002 – 30/06/2004

Responsibilities:
- Design and development of software products
- Maintenance and configuration of IP and Voice networks

Keywords: C, C++, PHP, mySQL, Linux, BSD.

EDUCATION AND TRAINING

10/2016 – 09/2024 Timisoara, Romania
DOCTOR IN THE FIELD OF INFORMATICS West University

Website www.uvt.ro

10/1998 – 07/2002 Timisoara, Romania
DIPLOMA OF SCIENCE DEGREE IN INFORMATICS (4 YEARS OF STUDY) West University

Website www.uvt.ro │ **Field of study** Information and Communication Technologies (ICTs)

10/1996 – 01/07/2002 Timisoara, Romania
DIPLOMA OF ENGINEERING DEGREE IN ELECTRICAL ENGINEERING (5 YEARS OF STUDY) Technical University "Politehnica"

Website www.upt.ro

LANGUAGE SKILLS

Mother tongue(s): **ROMANIAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C1	C2	C1	C1	C2
GERMAN	A2	A2	A2	A2	A2

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user