



Senior Specialist Software & Firmware

Job description

In your new role you will:

Development of Java Card based Open Platform smart card OS for Payment and electronic ID applications. Hand on experience on Java card OS development & global platform implementation. Strong knowledge on C programming language and various smartcard standards and software engineering skills are required for the success of this position.

Areas of Responsibility

- Development of Java Card based secure smart card OS compliant with Java Card Specification, Global Platform, ISO and ICAO
- Estimate work package and deliver while meeting the timelines, quality, security and foot-print requirements
- Component level testing
- Interactions with Concept Engineers and Product Security team to collect and elaborate requirements
- Coordinate with the project manager in estimation and project planning
- Take cares of daily continues integration and test
- Debug and solve problems during development and post release
- Contribute to the technical documentation of the product
- Actively contribute in the entire SDLC for the product development
- Strong focus on automation of processes using latest tools
- Identify and drive continuous improvement and innovation topics
- Be an active member of the cross functional team to meet the project objectives
- Contribute to organization knowledge development and patents and ID.

Profile

You are best equipped for this task if you have:

Experience:

- 1-5 years of experience in developing Java card OS (JCVM, JCRE & Global platform)
- Solid experience in C and Java card programming languages
- Strong knowledge on various standards – Global Platform, Java Card, ISO 7816, ISO 14443
- Experience in EMV, Payment and Identification standards and applications is add on
- Knowhow of various security threats and implementing counter measures is add on
- Exposure to virtual machine is an added advantage
- Able to translate requirements to design and provide right estimations for development
- Know how in object oriented based programming language (Java or C# or C++)
- Symmetric and Asymmetric cryptography knowhow
- Experience in Agile/Scrum development methodology
- Experience in using JCDK tools to build Java Card applications
- Knowhow of PKI and public key certificates

At a glance

Location:	Bangalore (India)
Job ID:	327660
Start date:	immediately
Entry level:	1-3 years
Type:	Full time
Contract:	Permanent

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- Know-how of developing Eclipse plug-ins and demonstrators is an added advantage
- Proven results in executing initiatives like continuous improvement and innovation

Specific or Entrepreneurial Knowledge:

- Excellent problem solving and debugging skills with a can-do attitude.
- Ability to learn new things
- A team player, self-learner with good communication and interpersonal skills.

IFX behaviors:

- Must have demonstrated results in “Drive value through innovation”
- Must have demonstrated “Team up for best results” behavior
- Must “Trust and respect others”
- Must have demonstrated “Strive for excellence” behavior”

