

SPECIAL BRANCH, PUNJAB LAHORE

CAREER OPPORTUNITIES FOR PROJECT "CONSTRUCTION OF ADVANCED ANALYTICS, AUTOMATION & ARTIFICIAL INTELLIGENCE (CA4I) OF SPECIAL BRANCH, PUNJAB

The Special Branch, Punjab, invites applications from qualified and experienced individuals domiciled in Punjab for various contract-based positions (Non-Transferable) for Project "Construction of Advance Analytics, Automation & Artificial Intelligence, (CA4I), of Special Branch, Punjab". The details are as under:

Sr.#	Name of Post	No. of Post	Per Month Salary (Upto PKRs)	Qualification	Age	Professional work/Experience
1	Deputy Director Technical (PPS-10)	1	627,047	<p>Minium Sixteen (16) years of education in Management, Management Science, Business Administration, Computer Science, Computer Engineering, Electrical Engineering, Telecom Engineering, Information Technology or a related field from a well reputed university</p> <ol style="list-style-type: none"> 1. Preference will be given to candidates with certified Project Management Professional (PMP) 2. Preference will be given to candidates with certified in Cybersecurity 	30-50 years	<ul style="list-style-type: none"> • Minimum of ten (10) years of work experience in a similar organization on projects related to information technology and software development • Must have experience of handing IT and software related projects in a similar organization. • Must have experience of implementing GIS, IT/IS project in a similar organization. • Must have working knowledge of development and implementation of in-house software development • Must have knowledge of policing & security environment • Must possess sound technical knowledge of solutions for safety and law enforcement organization • Must possess strong problem solving, analytical, communication, team building and interpersonal skills • Preference will be given to the candidate with work experience for a law enforcement agency.
2	AI/ML Expert (PPS-09)	2	436,590	<p>Minium Sixteen (16) years of education in Mathematics Statistics, Computer Science, Software, Computer Engineering or related field from a well reputed university</p>	25-50 years	<ul style="list-style-type: none"> • Minimum of five (05) years of experience in AI/ML or a similar role • Experience with deep learning, NLP, and Tensor Flow • Experience writing robust code in Python, Java, and/or R • Experience in REST API development, NoSQL database design, and RDBMS design and optimizations

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						<ul style="list-style-type: none"> • Must possess strong understanding of data structures, data modeling and software architecture • Must possess Deep knowledge of math, probability, statistics and algorithms • Must be familiar with machine learning frameworks (Like Keras or PyTorch) and libraries (like scikit-learn) • Preference will be given to the candidates with similar work experience for a law enforcement agency
3	Junior ML Engineer (PPS-8)	1	311,850	Minium Sixteen (16) years of education in Computer Mathematics, Statistics, Computer Engineering or related field from a well reputed university	25-45 years	<ul style="list-style-type: none"> • Minimum of three (03) years of experience applying AI • Knowledge of data structures, data modelling, and software architecture • Knowledge of math, probability, statistics and algorithms • Experience with deep learning and NLP • Experience writing robust code in Python, Java, and /or R • Knowledge of basis algorithms and object-oriented and functional design principles • Strong analytical and problem-solving skills
4	Natural Language Processing (NLP) Expert (PPS-09)	1	436,590	Sixteen (16) years of education in Computer Science, Data Science, Software Engineering or related field from a well reputed university	25-50 years	<ul style="list-style-type: none"> • Minimum of five (05) years of work experience in NLP for relevant projects • Must have experience in machine learning platforms, frameworks, and libraries • Must have working knowledge and understanding of NLP techniques for text representations, semantic extraction techniques, data structures, and modelling • Proficiency in programming in Python, R-Programming, MATLAB • Proficiency in relevant data basis SQL and no-SQL • Familiarity with NLP models/algorithms i.e DaVinci, Curie or Babbage Models • Familiarity with AI/ML and relevant tools i.e Pytorch • Documentation experience for complex software components • Experience in implementing the products lifecycle-design, development, quality, deployment, maintenance
5	Data Scientist (PPS-09)	1	436,590	Sixteen (16) years of education in Computer Science, Data Science, Engineering, Mathematics, Statistics or a relevant field.	25-50 years	<ul style="list-style-type: none"> • Minimum of five (05) years of work experience as a Data Scientist for similar projects • Must have experience in data mining

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						<ul style="list-style-type: none"> • Must have working knowledge and understanding of machine-learning and operations research • Must have working knowledge of R, SQL and python; familiarity with Scala, Java or C++ is an asset • Must have experience in using business intelligence tools (e.g. Tableau, Power BI) and data frameworks (e.g. Hadoop) • Strong analytical skills and problem-solving abilities.
6	Solution Architect (PPS-08)	1	311,850	Minium Sixteen (16) years of education in Computer Science or Software/Computer Engineering, Information Technology or related field or a related field from a well reputed university.	25-45 years	<ul style="list-style-type: none"> • Minimum of three (03) years of working experience of working as solution architect or similar role • Must possess in -depth understanding of coding languages • Must possess sound knowledge of various operating systems and databases • Preference will be given to the candidates with similar work experience for a law enforcement agency
7	UI/UX Designer/ Developer (PPS-08)	1	311,850	Minium Sixteen (16) years of education in Computer Science, Software, Computer Engineering or related field from a well reputed university.	25-45 years	<ul style="list-style-type: none"> • Minimum of three (03) years of experience in UI/UX developer or a similar role • Must possess a portfolio of design projects • Must possess knowledge of wireframe tools (e.g. wireframe.cc and Invision) • Must possess up to-date knowledge of design software like adobe Illustrator and Photoshop • Preference will be given to the candidates with similar work experience for a law enforcement agency.
8	Mobile Applications Developer (PPS-08)	1	311,850	Minium Sixteen (16) years of education in Computer Science, Software, Computer Engineering or related field from a well reputed university.	25-45 years	<ul style="list-style-type: none"> • Minimum of three (03) years of experience as a Mobile App Developer • Demonstrated portfolio of released applications on the App store or the Android market • Must possess in-depth knowledge of programming language like Swift, Kotlin and Java • Experience with third-party libraries and APIs • Familiarity with OOP design principles • Excellent analytical skills with a good problem-solving attitude • Ability to perform in a team environment
9	Software Engineer (PPS-08)	1	311,850	Minium Sixteen (16) years of education in Computer Science, Software, Computer Engineering or related field from a well reputed university.	25-45 years	<ul style="list-style-type: none"> • Minimum of three (03) years of experience as a Senior/Software Engineer • Must possess experience in software development, scripting and project management

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						<ul style="list-style-type: none"> • Must possess experience using system monitoring tools and automated testing frameworks • Must possess knowledge of selected programming languages (e.g Python, PHP, Node JS, React JS) and the Java/J2EE platform • Must possess in-depth knowledge of relational databases (e.g PostgreSQL, MySQL) and NoSQL databases (e.g MongoDB) • Must have experience with front-end and back-end development • Must be familiar with various operating system (Linux, Mac OS, Windows) • Must possess experience working in an Agile/Scrum development process • Preference will be given to the candidates with similar work experience for a law enforcement agency
10	Software Quality Assurance (PPS-08)	1	311,850	Minimum Sixteen (16) years of education in Computer Science or Software/Computer Engineering or related field from a well reputed university.	25-45 years	<ul style="list-style-type: none"> • Minimum of three (03) years experience in a similar role • Must possess strong knowledge of software QA methodologies, tools and processes • Must possess experience in writing clear, concise, and comprehensive test plans and test cases • Must possess hands-on experience with both white box and black box testing • Must possess hands-on experience with automated testing tools • Must have strong knowledge of SQL and scripting • Must have experience working in an Agile/Scrum development process • Preference will be given to candidates with experience with performance and /or security testing is a plus • Preference will be given to the candidates with similar work experience for a law enforcement agency
11	Network Administrator (PPS-09)	1	436,590	Minimum Sixteen (16) years of education in Computer Science, Software Engineering, Computer Engineering, Telecom Engineering or related field from a well reputed university.	25-50 years	<ul style="list-style-type: none"> • Minimum five (05) years of work experience in a network administrator role • Must possess hands on experience in networking, routing and switching • Must possess excellent knowledge of best practices around management, control, and monitoring of server infrastructure

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						<ul style="list-style-type: none"> • Must have experience with fire walls, Internet VPN's remote implementation, troubleshooting, and problem resolution is desired • Must have ability to setup and configure server hardware • Must be familiar with backup and recovery software and methodologies • Must have juniper, Cisco, CWNA or BCNE training • Preference will be given to CCNP, CCIE
12	GIS Expert (PPS-09)	1	436,590	Minimum Sixteen (16) years of education in Computer Engineering, Information Technology, Computer Science, Telecom Engineering, or related field from a well reputed university.	25-50 years	<ul style="list-style-type: none"> • Minimum of five (05) years of experience as GIS expert or in a relevant field • Preference will be given to professional certification in GIS • Preference will be given to the candidates with similar work experience for a law enforcement agency
13	Data Security Expert (PPS-08)	1	311,850	Minimum Sixteen (16) years of education in Computer Science, Software Engineering, Electronics Engineering, Telecom Engineering or related field from a well reputed university.	25-45 years	<ul style="list-style-type: none"> • Minimum of three (03) years of working experience as a network engineer, data security engineer or in a similar role • Must possess CCNP or higher (CCIE highly valued) • Must possess deep understanding of networking protocols (e.g. IPSEC, HSRP, BGP, OSPF, 802.11, QoS) • Must possess solid understanding of the OSI or TCP/IP model • Must have hands-on experience with monitoring, network diagnostic and network analytics tools • Preference will be given to the candidates with similar work experience for a law enforcement agency
14	Dev Ops Engineer (PPS-08)	1	311,850	Minimum Sixteen (16) years of education in Computer Science, Software Computer Engineering or related field from a well reputed university.	25-45 years	<ul style="list-style-type: none"> • Minimum of three (03) years of experience as a DevOps Engineer • Experience of working on LINUX based infrastructure • Excellent understanding of Ruby, Python, Perl, and Java • Configuration and managing databases such as MySQL, Mongo • Excellent troubleshooting skills • Working knowledge of various tools, open-source technologies, and cloud services • Awareness of critical concepts in DevOps and agile principles
15	Network Technician (Hardware) (PPS-05)	1	100,100	Qualification as a Computer Hardware & Network Technician with certification from a well reputed institute	20-40 years	<ul style="list-style-type: none"> • Minimum of two (02) years of working experience in a similar role • Must possess strong knowledge of hardware and networks

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						<ul style="list-style-type: none"> • Must be able to communicate proficiently • Must possess strong analytical and problem - solving skills
16	Deputy Director Change Management (PPS-10)	1	597,188	Minium Sixteen (16) years of education in Economics, Management Sciences, Business Administration, Human Resource Management, Leadership and Management or a relevant field from a well reputed university.	30-50 years	<ul style="list-style-type: none"> • Minimum of ten (10) of work experience in the field of human resource, planning, management, processes development transition and transformation or a related filed • Must have experience of development and implementation of change management Strategy for a large-scale IT related project, preferable a public sector project for a similar organization • Must have experience of development of human resource Policies, Rules & Procedures, Manuals and Guidelines for IT related projects • Must have experience of development of SOPs, contingency Plans, Risk Mitigation Strategies for IT related projects • Must have experience of development of Project Proposals (PC-I, PC-II, PC-III, PC-IV, PC-V) Budgeting and Planning for IT related projects. • Well versed with Public Sector Procurement Rules & Regulations • Well versed with Public Sector Financial Management, Rules & Procedures. • Well versed with Public Sector Human Resources/ Contract Employment Policies, Rules & Regulations • Preference will be given to the candidates with similar work experience for a law enforcement agency.
17	Associate Officer Change Management (PPS-06)	1	149,688	Minium Sixteen (16) years of education in Social Science, Management Science, Project Management, Business Administration, Engineering Law or a related field from a well reputed university.	25-45 years	<ul style="list-style-type: none"> • Minimum of (03) years of work experience in process development, transition and transformation, human resources, or a related filed • Must possess of knowledge of technology transition and resources compatibility framework • Must possess knowledge of management/implementation and coordination • Must have strong communication, problem solving, analytical and interpersonal skills.
18	Associate Officer Finance & Procurement (PPS-06)	1	149,688	Minium Sixteen (16) years of education in Economics, Business, Accounting, Finance, Supply Chain Management Science, or a related field from a well reputed university.	25-45 years	<ul style="list-style-type: none"> • Minimum of (03) years of work experience in a similar role and must possess knowledge of project management / planning/ implementation / accounting • Must have hand on experience with developing budgets, keeping track of various registers, financial reports and planning.

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						<ul style="list-style-type: none"> • Must have hands on experience of dealing with auditing processes for public sector organization • Must have hands on experience of dealing with tax authorities withing Punjab • Must possess knowledge of Public Sector procurement process, rules and regulations i.e. PPRA 2014 • Must have hands on experience on dealing with Accountant General Punjab/Treasurer Office Punjab. • Must possess strong problem solving, analytical and communication skills.
19	Associate Officer HR & Training (PPS-05)	1	149,688	Sixteen (16) years of education in Social Sciences, Human Resource, Organizational Behavior, Business Administration, Management Sciences or a related field from a well reputed university.	25-45 years	<ul style="list-style-type: none"> • Minimum of (03) years of relevant experience in HR, Training or a similar • Must possess experience of training and capacity enhancement • Must have strong knowledge of recruitment rules and procedure for hiring of contract staff in public sector • Must be able to effectively communicate with individuals at all professional levels • Must be well versed with the use of human resources information systems (HRIS) • Must possess strong communication, interpersonal, conflict resolution and problem-solving skills.
20	Office Attendant (PPS-02)	4	50,050	Matric/Middle (at least 2nd Division) Degree	20-40 years	<ul style="list-style-type: none"> • Minimum (02) years of work experience working as office attendant for a public/private sector organization.
21	Sanitary Worker/ Sweeper (PPS-01)	1	40,040	Literate	20-40 years	<ul style="list-style-type: none"> • Minimum (02) years of work experience working as Sweeper in public/private sector.

General Terms and Conditions: -

1. The above positions are being offered on Contract basis for the project (CA4I), of Special Branch, Punjab
2. Age relaxation of candidates shall be applicable as per current policy of the Government of the Punjab.
3. Candidates having domicile of Punjab shall only be eligible to apply.
4. These vacancies are post specific and non-transferable.
5. No TA/DA will be admissible to the candidates for interview.
6. Candidates already working in Government/Semi Government/Autonomous Bodies should apply through proper channel.
7. The experience of the candidate will be calculated on the last date of submission of application.
8. Submission of fake documents or concealment of any fact will lead to dis-qualification of the candidate at any stage of recruitment process or during service.
9. Only the degree issued by the university/institute recognized by the HEC or reputed foreign university with HEC equivalence, will be considered.
10. The degree program must be HEC recognized on or before closing date of the advertisement.
11. Only short-listed candidates will be called for interview. The date & time of interview will be communicated through email/call/SMS by authority.
12. Complete original documents along with a set of attested photocopies will be provided by the applicant at the time of interview. Candidates will bring all the degrees attested by HEC at the time of interview, otherwise, he/she would not be allowed to appear in interview.
13. Number of vacancies can be increased/decreased at any time without any notice.
14. The Department reserves the right to reject any or all applications or cancel the whole recruitment process at any stage with out assigning any reasons.
15. Final Terms & Conditions of appointment shall be settled at the actual date of appointment.
16. Decisions of Department on all matters concerning recruitment, including eligibility/ short listing/ selection criteria shall be final.
17. Incomplete application shall be summarily rejected.
18. Candidate will apply for Separate Application for each required post.
19. Last date for received for application is **30.01.2025** upto 5pm.**Note (After due date applications will not be accepted).**
20. Advertisement/application forms can also be downloaded from the website Punjab Police Department **<https://punjabpolice.gov.pk>**
21. The candidates may send their applications and CV with attested copies of relevant documents alongwith recent passport size 03 photograph through post/courier services in the name of (Project Director (CA4I) Special Branch, Headquarters Roberts Club Church Road Lahore opposite Planning & Development Board Lahore in sealed envelope mentioning the post on the front of envelope by **30.01.2025**.

Project Director, (CA4I)

Special Branch, Headquarters Punjab Roberts Club Church Road Lahore
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